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| **Un hombre con traje y corbata sonriendo  Descripción generada automáticamente** Roberto Carlos Navarro Félix Address: Zapopan,  Jalisco México  Phone: 3317591130  robertcn101@gmail.com About me Since an early age, I discovered my fascination with biology and observing plant growth; this evolved into an innate interest in any area related to STEM (Science, Technology, Engineering, and Mathematics). This curiosity for life and learning has led me to achieve what is shown in this resume. Skills  |  |  | | --- | --- | | Remarkable creativity in designing science projects. |  | | Extensive experience in STEM: Science, Technology, Engineering, and Mathematics (national and international competitions). |  | | Ability to identify and propose solutions to social issues. |  | | Excellent student. |  | | C1 level of English. |  |  Extracurricular activities  * Designed the website: teachingfrommexico.com as part of the "La Creación del Robert" projects. It is currently a personal venture with the future intention of contributing to the Sustainable Development Goals (SDGs) 1 and 4. (July - August 2024). * Designed an atmospheric water collector system using Peltier cells + ArduinoUno (January - April 2024). * Collected data on temperature, humidity, and luminosity variation during the eclipse at PrepaTec GDL using Python + ArduinoUno (April 8, 2024). * Provided tutoring in various subjects to classmates who requested it, with reported improvements in their grades (2023-2024). * Currently working on improving the design of a dry toilet I created (2023-2024). * Assistant at the eleventh edition of incMTY from November 14-16, 2023. * Developed a process for growing oyster mushrooms using various lignocellulosic materials (that are usually discarded) as the mycelium`s substrate. For example: wood shavings, coconut husk, and corn cobs. Experimented with varying light conditions to find the one that generates the most biomass with the goal of spreading this knowledge on social media and focusing it on low-income communities for self-consumption and sale purposes. * For two semesters (August 2022 - June 2023), I had a student group (PAS focused on personal, environmental, and social aspects of communities). * Conducted two mycology workshops at my school ("The Mycelium: The Real Fungus"). * Developed conceptual plans for working on "Tlatocamecayotl" (Website to avoid food waste) (2021). * During the pandemic, I developed and registered a utility model for a UVC light filter I created to purify air from pathogens. * Developed a project to avoid unnecessary food waste using solar energy. * I have been self-learning about mycology since the fifth grade (elementary school). * My entrepreneurial initiative with plants called "La Creación del Robert" has been evolving. Currently, it focuses on scientific dissemination through social media and will soon focus on the commercialization of my creations (products and services) through these networks. | Roberto Carlos Navarro Félix  Biotechnology Engineering Student and STEM Project Developer Professional experience **100% Scholarship for Biotechnology Engineering**  (June 2024 - Present) Tecnológico de Monterrey Campus Guadalajara and Fundación EPA Zapopan, Jalisco Due to my outstanding academic achievements during high school and my dedication to making the world a better place, I received a 100% scholarship to study Biotechnology Engineering at Tecnológico de Monterrey. This scholarship consists of 60% Academic Talent Scholarship awarded by TEC and 40% provided by Fundación EPA.  At the university, I will continue contributing to society with my knowledge and skills by volunteering both inside and outside the institution and dedicating my projects to the greater good of humanity. Volunteer at VIFAC (July 2024) Vida y Familia A.C., Guadalajara, JaliscoVIFAC provides comprehensive support to pregnant women in vulnerable conditions. Their mission is to protect pregnant women in distress and the children entrusted to their institution. As a volunteer, I helped with cleaning and maintenance activities of the facilities as well as organizing clothing and food donations.   Volunteer at Cómplices A.C. (2022 - May 2024) Cómplices A.C., Zapopan, JaliscoCómplices A.C. is a non-profit civil organization that helps people overcome cancer. As a volunteer, I helped with tasks ranging from collecting and receiving recyclable material (mainly PET and aluminum) to conducting thorough research to educate the general public about the causes of cancer.  **100% High School Scholarship** (August 2021 – May 2024) Tecnológico de Monterrey Campus Guadalajara and Fundación EPA Zapopan, Jalisco Due to my outstanding academic achievements and my dedication to making the world a better place, I received a 100% scholarship to study at Prepa TEC Campus Guadalajara, with 40% support from TEC and 60% from Fundación EPA. **Entrepreneur** (2015-Present) La Creación del Robert, Guadalajara, Jalisco  This is a project I developed in elementary school. It consisted of selling exotic plants, cacti, and succulents for collection. Since it does not require much space, I could work on it at home. Daily care and supervision of the plants, along with quality substrates, are key to having an attractive product for the customer. More recently the project has been focused to scientific divulgation through social media. In the end my motto about it is “La Creación del Robert encompasses any product or service that I create”. **Volunteer at FM4** (January 2022-June 2022) FM4, Zapopan, Jalisco  At FM4, I worked as a volunteer helping migrants by providing food, offering clothing, the opportunity to rest, and guidance for a better journey. Education **Biotechnology Engineering Student** (2024 - Present)  Tecnológico De Monterrey - Guadalajara, Jalisco, México  **High School Student** (2021- 2024)  Tecnológico De Monterrey - Guadalajara, Jalisco, México  **Middle School Student** (2018 - 2021)  CEDI - Guadalajara, Jalisco, México Achievements  * Completed the international innovation and entrepreneurship course taught by Run the Future (July 2024). * Received a 100% scholarship to study at Prepa TEC Campus Guadalajara thanks to my excellent academic performance, with 60% from TEC and 40% from Fundación EPA (June 2024). * International 1st place. With my project “Dry Toilet,” I was recognized in the “2024 Jacobs Teen Innovation Challenge” as “Best Overall Social Innovation” among 4700 students from 32 different countries. Prize of 2000 dollars to keep developing the project (May 2024). * Recognized as the top student (best average) of the bicultural program at the generational level with a Leadership “Life” award and an honorable mention of excellence (May 2024, PrepaTec GDL Graduation). * Certificate of Participation in the “Slingshot Challenge 2024” organized by "The National Geographic Society." * Recognition for participating in the fourth national calculus tournament Calculus OPEN at PrepaTec (April 12, 2024). * Recognition for participating in the I Premio Nacional SOPHIA - FILCO of young literature 2024 (March 23, 2024). * Certificate of participation in the writting contest “Concurso Nacional para escribir en bicicleta”, PrepaTec (January 2024). * Score of 145 (C1) in the Duolingo Certification (December 2023). * Pearson English International Certificate C1 - Pass with Merit (October 2023). * Certificate of participation in the Seventh Alexander Grothedieck Math Contest, PrepaTec (October 2023). * Won first place nationally with my project “Dry Toilet” in the social entrepreneurship competition PrepApps at Tecnológico de Monterrey (September 2023). * Certified for participating in the course by CREEA "How to start your own business?" with a curricular value of 4.5 hours (September 9, 2023). * Certified for completing the course "Climate Change and You" - Using Compassionate Systems Framework and climate simulation to combat the climate crisis (2023). * Certificate of Participation in the “Slingshot Challenge 2023” organized by "The National Geographic Society." * Applied for the RISE scholarship with my mushroom production project for marginalized communities; I was chosen as one of the 500 finalists among more than 60000 participants worldwide. Although I did not make it among the 100 scholarship recipients, I have access to study material, courses, and advice (2023). * With the project "From Waste to Food: The Mushrooms, Heroes Fighting Hunger and Poverty," I won platinum at Infomatrix and an automatic pass to an international competition in Brazil (XVI MOCITEC) to represent Mexico (2023). * Won a gold medal at the Jalisco Science and Engineering Fair (2022) with the project "From Waste to Food: The Mushrooms, Heroes Fighting Hunger and Poverty." * Recognized as “Best Posture” for my active participation in the United Nations Model in the WHO committee at Prepa Tec Guadalajara on October 14 and 15, 2022. * The government of the state of Jalisco recognized me as a "Young Inventor with Contributions in the Fight Against COVID-19" (2022). * Won first place at the state level in the Mexican Mathematics Olympiad (OMM 2022) representing PrepaTec. * Published on the list of the 60 new innovators in "An Idea to Change History" from the History Channel presenting my project "Portable Air Filtration Equipment" (2022). * Received a 100% scholarship to study at Prepa TEC Campus Guadalajara thanks to my excellent academic performance, with 40% from TEC and 60% from Fundación EPA (2021). * During the pandemic, I obtained a utility model for a UVC light filter I created to purify the air from pathogens. * During the third year of middle school, I won an international gold medal in SASMO (a Singapore international mathematics competition), a bronze medal in SIMOC (another international mathematics competition from Singapore), and a bronze and a silver medal in VANDA (an international competition in chemistry, physics, and biology from Singapore). * In the second year of middle school, I won a silver medal in the international mathematics competition SASMO. * Thanks to my achievements, the Secretariat of Education of Jalisco (SEJ) invited and accepted me into SHOCEHM, an honor community for outstanding students. * In the first year of middle school, I was selected to participate in SASMO, a mathematics competition where I won an international bronze medal. This achievement led me to SINGA (another international mathematics competition) in Vietnam, where I received an honorable mention for Mexico. * In the sixth grade, I participated in the 18th ONMAPS math state competition and won a gold medal. * During that school year, I also won bronze in the international INFOMATRIX competition and volunteered at an orphanage, where I helped establish a vertical garden. * During the vacation between 5th and 6th grade, thanks to a silver medal in the OMMEB (National Mathematics Olympiad for Basic Education), I had the opportunity to travel to Monterrey for training as a pre-selection to represent Mexico in an international competition in Bulgaria. * I was interviewed by a national newspaper. The headline read: "Entrepreneur, mathematician... and only 11 years old." * I obtained second place in the first edition of the National Mathematics Olympiad for Basic Education (OMMEB). * In 2016, I won the "Pequeño Gran Escritor" writing contest with my work "La Bellota Abandonada," which was published. Additionally, I proposed a project in "Reto Kids" (a government contest) to convert nearly expired fruits into dehydrated fruits using solar energy to preserve them and reduce food waste. * In the fifth grade, in my first olympiad, the 17th ONMAPS in 2016, I won a state gold medal due to my skill in mathematics and problem-solving. * I started a plant business called "La Creación del Robert" between elementary and middle school. |