|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sebastian Villa Cuellar | | | | | | | |
| [House IconLos Angeles, CA](https://maps.app.goo.gl/cjinqftYMDoxRKKKA) [Email Icon sebastian.villacuellar@gmail.com](mailto:sebastian.villacuellar@gmail.com?subject=From%20Resume:%20) [Website Icon tx.ag/sebvc](https://tx.ag/sebvc) [Phone Icon+1 (214) 585-9986](tel:214+585+9986) | | | | | | | |
| **OBJECTIVE** | Seeking Full-Time Opportunities in Dynamic Robotics Applications and Interdisciplinary Engineering | | | | | | |
| **EDUCATION** | Texas A&M University, College Station, Texas | | | | | May 2023 |  |
| Bachelor of Science in Interdisciplinary Engineering – Robotics Focus   * Graduated with Engineering Honors and Summa Cum Laude * Major ITDE Coursework: ME, EE, CS, and MXET * Minors in [Control of Mechanical Systems](https://catalog.tamu.edu/undergraduate/engineering/mechanical/control-mechanical-systems-minor/) and [Electrical Engineering](https://catalog.tamu.edu/undergraduate/engineering/electrical-computer/electrical-minor/) | | | | | GPA: 3.93 |
| **WORK EXPERIENCE** | Beckhoff Automation LLC, Savage, Minnesota | | Jun 2022 – Present | | | |  |
| Associate Application Engineer, Los Angeles, CA, Jan 2024 – Present   * Supporting customers Pre- and Post-Sales with controls solutions and expertise   Talent Development Associate, Savage, MN, Jun 2023 – Dec 2023   * 1 of 6 engineers in pilot Sales Team Rotation Program across the USA   Industrial Automation Engineering Internship, Houston, TX, Jun 2022 – Aug 2022   * Shadowing Sales, Application, and Training Engineers implementing TwinCAT and Beckhoff Hardware with over 20 customer applications * Engaged with the Development of a Process Library with Beckhoff Germany | | | | | |
| **RELEVANT EXPERIENCE** | TAMU RoboMasters,Texas A&M University | | Jan 2020 – May 2023 | | | |  |
| Embedded Systems Team, Aug 2021 – May 2023   * Build and maintain codebases for all robots with C++ using Git & VS LiveShare   Standard Robot Design and Fabrication Team, Jan 2020 – Jan 2022   * Full CAD design and fabrication with SolidWorks and OnShape for International intercollegiate competitions | | | | | |
| **SELECTED LEADERSHIP** | CISV International – [cisv.org](https://cisv.org/) | | | Jun 2012 – Present | | |  |
| Junior Branch Advisor, SoCal Chapter, Feb 2024 – Jun 2025   * Coordinated local activities for CISV youth with local Board members   Treasurer, DFW Chapter, Jul 2017 – Jun 2019   * Oversaw funds and merchandise for local activities with about $600 per event * Managed legal paperwork preventing potential international-scale lawsuits   Seminar DFW/USA Chapter Delegate, San Salvador, El Salvador, Jul 2019   * Discussing changing world conditions and solutions to controversial issues | | | | | |
| TAMU InterDisciplinary Engineering Association (IDEA) | | | Sep 2021 – Present | | |  |
| Co-Vice President & Founding Member, Sep 2021 – May 2023   * Established a professional society for Interdisciplinary Engineers at Texas A&M   ITDE Student Ambassador, Oct 2021 – Present   * Actively offer insight and guidance as Student Role model for Major/Department | | | | | |
| FRC Robotics – Team 5417 Eagle Robotics, Allen High School | | | Aug 2015 – Jun 2019 | | |  |
| FIRST Worlds Expositions: Public Presenter, Houston, TX, Apr 2019   * Led a 45 min interactive presentation on Expanding Community & Innovative Outreach for Robotics Teams | | | | | |
| **HONORS AND EXPERIENCE** | Dean’s Honor Award, Texas A&M University College of Engineering | | | | Fall 2020 – May 2023 | |  |
| * Semester Recognition for Outstanding Academic Achievement in 15 credit hours | | | | | |
| CollegeBoard's National Merit Hispanic Scholar | | | Sep 2018 | | |  |
| * Awarded a $14k scholarship based on GPA and PSAT score, $1750 per semester | | | | | |
| **SKILLS QUALITIES  & INTERESTS** | Qualities: | Eager to Learn, Dedicated, Seeks Additional Responsibilities, Team Player | | | | |  |
| Software: | TwinCAT, StucturedText, Git, SolidWorks, C/C++, Python, ROS, Julia, MATLAB, Simulink, HTML, Microsoft Office, Microsoft Dynamics, LaTeX, LabVIEW | | | | |
| Bilingual: | Fluent In English and Spanish | | | | |  |
| Interests: | Social Dancing, Trying New Things, Bouldering, Robotics, Cello, UI/UX Design | | | | |  |
| **COMMUNITY SERVICE** | Volunteering  Self-Directed Peer Tutoring and Mentoring, 2013 – Present | | | | | |  |
| Robotics Referee volunteering, RoboMasters and FIRST Robotics | | | | | |  |
| Underprivileged Community Assistance | | | | | |  |