# Michael Chen

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## EDUCATION

**University of California, San Diego**　　　　　　　　　　La Jolla, CA
*Bachelor of Science in Computer Science*　　　　　　　*Sep. 2022 – Present*
- Provost Honors for all quarters
- 3.733 GPA

**Diablo Valley College**　　　　　　　　　　　　　　Pleasant Hill, CA
　　　　　　　　　　　　　　　　　　　　　　　*Aug. 2020 – May 2023*

- Undergraduate courses with Academic Honors for all semesters
- 3.875 GPA

## EXPERIENCE

**Test Engineering Assistant**　　　　　　　July 2022 – September 2023
*Topcon Positioning Systems*　　　　　　　　　　　　*Livermore, CA*
- Developed an automated script to test MC-i4 PCBA validity for Sigmatron. Communicated with Sigmatron engineers and production leaders for seamless implementation.
- Created an automated firmware reloader for MC-i4 to be used in production
- Wrote a wrapper C# library that parses TOML config files for in house use
- Automated script to encode production tests ID's for future processing
- Addressed issue with production tests incorrectly communicating with satellite API's
- Operated production tests

**Administrative Coordinator**　　　June 2017, 2018 – August 2017, 2018
*Topcon Positioning Systems*　　　　　　　　　　　　*Livermore, CA*
- Managed buy orders between employees and external buyers
- Managed global shipping with overseas sites
- Updated internal network documents to current standards and upload them onto web service for increased availability

## TECHNICAL SKILLS

**Languages**: Java, Python, C++, C#, AutoIt, bash
**Developer Tools**: GDB, Git, VS Code, Visual Studio, Eclipse
**Relevant Coursework**: UNIX/Linux, Assembly and Computer Organization (MASM), Advanced Java, Advanced C++, and Advanced Python, Object Oriented Programming, Advanced Algorithms, Theory of Computation, Software Engineering, Debugging