

<https://maxchakhmatov.com/>  
<https://github.com/AG-Systems>  
Open to relocation

## MAX CHAKHMATOV

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US Citizen  
San Francisco Bay Area

### EDUCATION

Santa Cruz, CA	<b>University of California, Santa Cruz</b>	Grad June 2022
<ul style="list-style-type: none"><li>• B.S. Robotics Engineering (Electrical &amp; Mechanical), junior.</li><li>• Minor in Computational Mathematics.</li><li>• GPA: 3.65.</li></ul> <p>Clubs: Formula SAE</p> <ul style="list-style-type: none"><li>• Project Management: Wrote documentation to assist new team members, and existing team members. Overhauled entire internal wiki for organization. In charge of onboarding new team members.</li><li>• Electronics and Mechanical: Designed PCB for a brake light. Assisted on the brakes system, and battery management system in SolidWorks.</li></ul> <p>Relevant Classes: Circuits, Logic Design, Statics, Materials, Physics, Dynamics (planned), Thermodynamics(planned).</p>		

### EMPLOYMENT

Mechanical Engineer Intern Elko, NV	<b>Barrick Gold Mining</b>	Jun 2021 – Aug 2021
<ul style="list-style-type: none"><li>• Incoming intern in Summer 2021</li></ul>		
Frontend Engineer Intern Sunnyvale, CA	<b>Walmart eCommerce</b>	Jun 2020 – Aug 2020
<ul style="list-style-type: none"><li>• Developed mobile app utilizing React Native (Typescript, and Redux) for internal testing. <i>This saved lots of time for senior engineers as it took off lots of load for testing for mobile.</i></li><li>• Built a UI component sharing library for other teams to use with JavaScript (with React). <i>UI component sharing library is highly optimized for speed, and bundle size (30%+ more efficient).</i></li><li>• Automated testing with internal CI using Docker.</li></ul>		
Software Developer Burlingame, CA	<b>QuesGen Systems</b>	Oct 2019 – Jun 2020
<ul style="list-style-type: none"><li>• Constructed internal mobile app with Flutter, Redux, and Dart. <i>Features proper state management, authentication, security, and high performance.</i> <i>Wrote and performed unit testing, integration testing, and widget testing for mobile app.</i></li><li>• Fixed bugs, extended features, and improved overall experience of QuesGen web dashboard in PHP.</li></ul>		

### SKILLS, TOOLS, AND TECHNOLOGIES

- Software Engineering: Ruby, Python, JavaScript (React, GraphQL), PHP, C, C++, Assembly (RISC)
- Engineering: AutoCAD, SolidWorks, Excel, LaTeX, Altium Designer, Verilog, FPGA
- Interests: Poker, Surfing, Snowboarding, Formula 1
- Languages: English, Russian