https://maxchakhmatov.com/
https://github.com/AG-Systems

# MAX CHAKHMATOV

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US Citizen

## EDUCATION

| | | |
|---|---|---|
| Santa Cruz, CA | **University of California, Santa Cruz** | Sept 2020 – Present |

- B.S. in Robotics Engineering (expected graduation spring 2022, junior).

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|---|---|---|
| Los altos Hills, CA | **Foothill College** | Summer 2017 – June 2020 |

- Transfer to UCSC, Mathematics and Computer Science.

Coursework: Math: Calculus sequence, Linear algebra, Differentiational equations, Discrete math

Physics: Classical mechanics, Electricity / magnetism

Engineering: Statics, Circuits

Computer Science: Data structures (& algorithms), Computer architecture

## EMPLOYMENT

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| Frontend Engineer, Intern | **Walmart eCommerce** | Jun 2020 – Aug 2020 |
| Sunnyvale, CA | | |

- Built mobile app using React Native (Typescript, and Redux) for internal testing.
- Built an UI component sharing library for other teams to use with JavaScript (with React).
- UI component sharing library is highly optimized for speed, and bundle size (30%+ more efficient).

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|---|---|---|
| Software Developer | **QuesGen Systems** | Oct 2019 – Jun 2020 |
| Burlingame, CA | | |

- Built internal full-fledged mobile app with Flutter, Redux, and Dart.
- Features proper full-fledged state management, authentication, security, and high performance.
- Wrote and performed unit testing, integration testing, and widget testing for mobile app.
- Fixed bugs, built features and improved the overall experience of QuesGen web dashboard in PHP.
- Integrated end to end testing with Selenium with Python and CircleCI (Continuous integration)
- Found and fixed security vulnerabilities.

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|---|---|---|
| Software Engineer, Intern | **Fireflies.ai** | Jan 2018 – Jul 2018 |
| San Francisco, CA | | |

- Completely redesigned dashboard with React, GraphQL, Apollo, Meteor.js and React-Router.
- Made changes including improving mobile responsiveness and faster load times.
- Wrote and performed unit testing, integration testing, and widget testing for mobile app.
- Created an internal tool with Python that parses emails from Gmail API and inserts into HubSpot db.
- Built a Chrome extension using Webpack, React, internal API, and Hubspot API.
- Chrome extension features automatic audio note-taking that automatically sends to Hubspot.

## SKILLS, TOOLS, AND TECHNOLOGIES

- Frontend (web): ES6 JavaScript, React, Webpack, GraphQL, Redux, Jest, Socket.io
- Backend (web): Ruby on Rails, Node.js, Express.js, Meteor, Flask, SQL, MongoDB
- General (software engineering): Ruby, Python, PHP, C, Assembly (RISC), C++
- Engineering: Mathematica, Latex, AutoCAD, Maya, Excel