




# JEFF COLLINS

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## Education

### Santa Clara University

Sept 2016 - Expected 2020

*Bachelor of Science, Web Design and Engineering, Dept of Computer Engineering*

Relevant Coursework: Advanced Web Programming, Web Infrastructure, Advanced Computer Programming, Computer Networks, Website Graphic Design, full Calculus + Physics sequence

## Experience

### KarmaBoard

Palo Alto, CA

*Co-Founder and Vice President of Engineering*

July 2019 - September 2019

- Lead a team of developers and designers to create a cross-platform, scalable digital presence for a new startup company
- Implemented innovative programming techniques to add useful features to our product
- Created and maintained a product design cycle based on a roadmap of desired features to be implemented
- Designed and ensured consistency of brand identity

### Applied Materials | ETCH

Santa Clara, CA

*Software Engineering Intern*

September 2017 - April 2019

- Created & managed an internal-use web server and UI for viewing data from tools; data parsed using REGEX
- Created succinct programming solutions to complex problems presented by tool data upload failures, unreliable tool measurements, discovering malfunctioning parts, and more
- Co-developed and updated a one-stop-shop data acquisition application to pull any data from any tool at any time for internal use
- Tested large-scale internal use software that my team developed

## Leadership

### Boy Scouts of America

San Jose, CA

*Eagle Scout*

- Awarded the highest honor possible in the Boy Scouts organization, Eagle Scout, at 14 years old
- Managed my entire fifty-scout troop as the president for six months
- Led troop in installing handmade benches and renovating garden in my Eagle Project (>450 total man hours)

### Loyola Leadership Committee | Santa Clara University

Santa Clara, CA

*President*

September 2017 – June 2018

- Planned over 10 large-scale events throughout the year while managing the community budget
- Increased my skill in team task delegation and conflict resolution

## Skills

### Software / Programming Languages

### Hardware

HTML	C	Java	Rails	PowerPoint	Adobe Illustrator	REGEX	Circuit Test Equip.
CSS	C++	PHP	Word	Outlook	Adobe Photoshop	Mathcad	PSPIICE (TINA)
JavaScript	C#	Ruby/Gems	Excel	OneNote	Adobe XD	MATLAB	Circuit Simulators