EVAN BENEROFF
computer engineer

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EDUCATION

BS Computer Engineering, Cal Poly, San Luis Obispo, CA   Expected 06/2018
3.24 GPA   Dean's List: W2015, F2016, W2017

EXPERIENCE

GE Digital *Digital Technology Leadership Intern*   Starting June 2017

Kohl's Corporation *Software Engineering Intern*   June 2016 - September 2016
- Developed RESTful API in Node.js and UI in React.js of an application that monitors the Kohl's e-commerce servers. Dockerized to ensure zero downtime occurs.
- Developed UI of a managerial dashboard, utilizing JQuery & JSP, which displays histories of source control commits and continuous integration test runs. Tables and/or graphs are displayed depending on user selection, based on their role and team.
- Researched modern JavaScript frameworks and runtime environments for isomorphic software development and their potential integration into the Kohl's technology stack.
- Research and ideas were presented to Kohl's CTO & CIO and feedback suggested potential additions to next year's roadmap.

St. Jude Medical *Firmware Verification Engineering Co-Op*   January 2016 - June 2016
- Performed requirements based firmware V&V of an implantable cardiac monitoring device
- Verified the battery measurement feature, which takes voltage measurements, performs calculations, limits functionality of certain features, and has high overall interactivity with firmware features.
- Developed high level test strategies and designs and implemented test cases in C# to verify firmware functionality aligns with documented specifications and requirements. Interpreted program generated trace files to debug test, firmware, and library code.
- Developed and deployed automated calibration procedures for electromyography, R-wave detection, and battery measurement. Experienced with Bluetooth Low Energy applications (pairing, bonding, authentication).

SKILLS

Highly skilled and proficient in: C, Java, JavaScript/HTML/CSS
Competent in: Python, C#
Frameworks: React.js, Node.js, JQuery, Express.js, PyBrain
Other: Linux/Bash, Agile Development (Scrum), Git/Github, Babel/Webpack, NPM

PROJECTS

Fake News Analytics - A JQuery and Node.js web application with neural network that predicts the authenticity of a news article   *SB Hacks winner for best data visualization*

API Explorer - React.js & Node.js web application for exploring API endpoints akin to Postman

RELEVANT COURSES

Systems Programming 357 (A), Computer Architecture (A), Operating Systems (TBD), Computational Intelligence (TBD), Fundamentals of Computer Science I, II, III (A-, A-, A-)