DANNY CHO

Portfolio: dannycho.net
GitHub: github.com/dannycho7
LinkedIn: linkedin.com/in/dannycho7
Phone: (714) 722-4294
Email: dannycho7@gmail.com

Education

University of California, Santa Barbara — **Expected May 2020**

- Bachelor of Science in Computer Science, GPA: 3.93 — Dean's Honors (Engineering)

Employment

Smart RG Inc, Software Engineer Intern — **Nov 2016 – April 2017**

- Utilized JUCI/Angular.js to Integrate Net data in the dashboard and display WAN status updates
- Wrote bash scripts to rearchitect and configure JUCI's Linux package management system (Contributed to JUCI open source)
- Implemented multiple language localization using GNU's get text package and JUCI's package management system
- Created a customizable theme interface, improved UI, and debugged router configuration settings in the Smart OS GUI

Projects

(More at http://dannycho.net/projects)

Percept - *Awarded Best User Experience Hack by Disney Tech at LA Hacks 2017* — **March 2017 - April 2017**
Node.js, Express, JavaScript, Flickr API, Microsoft Computer Vision API, Datamuse API, Google Maps API

- Web app that provides users with inspiration for their next great photo using relevant photos based on specified locations & tags
- Set up backend server and routes to send and interpret asynchronous API calls and render content onto the client's DOM
- Integrated the Flickr and Microsoft's Computer Vision API to analyze photos and generate tags for the response

Productivity InFocus - *Download Link: http://bit.ly/2lZAhqJ* — **Feb 2017 – March 2017**
JavaScript, Chart.js, YouTube SPF API, Chrome ext. APIs, HTML/CSS

- Productivity InFocus is a chrome extension that prevents procrastination by alerting users when they're off task
- Scraped YouTube and Facebook to hide content and provided data analytics based on user activity

Multithreaded Multiview — **March 2017**
JavaScript, Node.js, Express, Socket.io, HTML/CSS

- Data Visualization tool to observe runtime inefficiencies in concurrent programming
- Built server and setup sockets to receive and interpret data from python code analyzer and send it back to the user

Easy Sitter - *Placed 1st at We Hack Hackathon* — **Jan 2016**
JavaScript, Google Maps API, HTML/CSS

- Web App to connect low-income families with high school students seeking work to provide affordable child care

Hashtag Selfie - *Placed 2nd at i3 OC Hacks* — **Nov 2015**
Java

- Designed and implemented RGB color algorithms for a photo editing software that brings Instagram filters to the desktop

Skills

Programing Languages:	JavaScript, C++, Java, Ruby, PHP, SQL
Frontend Technologies:	React.js, jQuery, Bootstrap, Semantic UI, Less, SCSS, HTML5, CSS3
Backend Technologies:	Node.js, Express, Socket.io, Ruby on Rails, MongoDB, MySQL, PostgreSQL
Other:	Webpack, Babel, XML, AJAX, Git, Unix/Linux

Involvement

SB Hacks, Web Developer & Organizer — **Oct 2016 - Present**

- Organized SB Hacks III at UC Santa Barbara which hosted 450 students for the 36-hour hackathon
- Architected an online check-in system, registration to manipulate 1600+ applications, and mailer to send based on specific criteria
- Implemented updates across the full stack and fixed bugs for the website (www.sbhacks.com) using Rails/HTML/SCSS/PostgreSQL

Coders SB, Officer & Tech Chair — **Nov 2016 - Present**

- Host web development & career workshops for students to catalyze their interest in practical applications of Computer Science

Association for Computing Machinery, Industry Chair — **Jan 2017 – Present**

- Compete in ICPC and connect students to industry events and host workshops to aid in career development