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 June 2019**
- Bachelor of Science in Computer Science Honors Program, GPA: 3.95 — Engineering Dean's Honors List
- Relevant Coursework: Data Structures/Algorithms, Web Scalability (Graduate Course), Computer Networking, Program Languages

Experience

Facebook, Software Engineer Intern — **June 2018 – September 2018**
- Incoming Summer 2018 Software Engineer Intern at the Menlo Park Headquarters.

AppFolio, Software Engineer Intern — **June 2017 – September 2017**
- Full stack agile TDD software development with daily release cycles using Ruby on Rails, React.js, MySQL, and Redash
- Worked alongside product team to enable amenity based multi-property unit pricing for AppFolio's upcoming corporate tier
- Rearchitected the late fees assessment flow and algorithm to accurately handle backdated and edge case transactions
- Wrote data correction migrations; Converted reports to use a buffered framework to increase load time for long time users
- Refactored Reporting Framework DSL to alleviate start up time in creating a new report conversion

Smart RG, Software Engineer Intern — **November 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
- 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)

express-form-post – *Published at:* https://www.npmjs.com/package/express-form-post — **May 2017 - Present**
JavaScript, Node.js, NPM, AWS SDK (S3), Dropbox API, Mocha, Busboy
- Node.js module that handles validating request bodies before upload and file uploading to Disk, AWS-S3, or Dropbox storage API
- Uploads to endpoints by piping streams and handling edge cases, making it a very fast and memory efficient file uploading system

Invidia — **July 2017 - Present**
JavaScript, Node.js, React.js, Elastic Search, AWS, Heroku, Google Cloud Compute Engine
- A search engine that allows you to search for videos by the video content as opposed to searching by metadata
- Created data aggregation tool set that efficiently transcribed and maintained over 300,000 videos (35 GB of transcription data)

Skills

Programming Languages:	JavaScript, Ruby, C++, Java, PHP, Python
Web Technologies:	Node.js, Ruby on Rails, Laravel, MongoDB, MySQL, PostgreSQL, React.js, HTML, CSS
Other:	Git, Unix/Linux, Bash, Heroku, Electron, Mocha (Unit testing), AWS, Aframe VR

Campus Involvement

SB Hacks, Co-Director/President — **October 2016 - Present**
- Organized SB Hacks III and IV at UC Santa Barbara which hosts 500 students annually for a $50,000 budget 36-hour hackathon
- Full stack web development utilizing Heroku, Node.js, React.js, MongoDB, and PostgreSQL (http://sbhacks.com)

Coders SB, Officer & Tech Chair — **November 2016 – Present**
- Host web development & career workshops for students to catalyze their interest in practical applications of Computer Science

ACM, Officer & Industry Chair — **January 2017 – Present**
- Compete in ICPC and connect students to industry events and host workshops to aid in career development

Awards & Recognition

1st Place at Twitch Con Hackathon 2017	**Best Continuation Hack** at Cal Hacks 4.0	**Best use of Square API** at Hack the North 2017
Top 10 at Greylock Hack fest 2017	**Best UX Hack** at LA Hacks 2017	1st Place at We Hack 2016