

DANNY HYUN BUM CHO

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EDUCATION

University of California, Santa Barbara

Expected May 2020

- Bachelor of Science in Computer Science, GPA : 3.92
- Dean's Honors (Engineering) ; ACT Score: 34 ; SAT Math: 780

SKILLS

Programing Languages: C++, Java, JavaScript, Ruby, PHP, SQL

Web Development: HTML, CSS, XML, Ruby on Rails, jQuery, Bootstrap, Less, SCSS, MySQL, PostgreSQL, AJAX

Other: Git, Bash, Node.js

EXPERIENCE

Software Engineer Intern

SmartRG Inc.

Nov 2016 - Present

- Utilized JUCI/OpenWrt/Angular.js/Less to display WAN status updates and create a customizable theme interface
- Integrated Netdata for the dashboard by programming an iframe resizer using Angular.js
- Implemented multiple language localization support using GNU's gettext package and JUCI
- Improved UI and debugged router configuration settings in the SmartOS GUI

Organizer & Web Developer

SB Hacks III

Oct 2016 - Present

- Organized SB Hacks III at UC Santa Barbara which hosted 400 students for a 36 hour hackathon
- Utilized PostgreSQL and Rails to architect a check-in system and manipulate 1600+ applications
- Programmed with Ruby On Rails a registration mailer and mass-mailer to be utilized by any organizing member
- Implemented front/back-end updates and fixed bugs for the website (www.sbhacks.com) using Rails/HTML/SCSS

Officer

Coders SB

Nov 2016 - Present

- Promoted and organized club & company workshops to students and brainstormed ways to improve involvement with UCSB students to catalyze their interest in Computer Science.

Team Lead & Competitor

Air Force Association's Cyber Patriot

Jan 2015 - Jan 2016

- Fixed and strengthened various versions of Windows and Linux Virtual Machines
- Trained under Northrop Grumman Engineer for the National Cyber Defense Competition

Co-Founder & Co-President

Computer Programmer's United

Aug 2014 - June 2016

- Organized and led activities to help students learn Computer Science and Security
- Represented Cerritos High School in Cyber Security competitions and Hackathons
- Placed in online CTF hacking competitions; EasyCTF (top 15%), PicoCTF (top 10%)

PROJECTS

Productivity InFocus

<http://bit.ly/2lZAhqJ>

Feb 2017

- 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
- Constructed with JavaScript, HTML/CSS, Chart.js API, YouTube SPF API, and various Chrome extension APIs

EasySitter

Jan 2016

- Placed 1st at WeHack Southeast Cities Hackathon for Best Overall Hack and Best use of Microsoft Azure
- App to connect low-income families in need of more affordable child care with high school students seeking work
- Constructed the web app with HTML, CSS, JavaScript, and Google Maps API

HashtagSelfie

Nov 2015

- Placed 2nd at i3 OC Hacks sponsored by Acorn
- Utilized Java to develop RGB color algorithms for a photo editing software to bring Instagram filters to the desktop

Gomoku

June 2015

- Utilized Java to develop a Japanese 5-in-a-row game
- Developed an A.I mode of easy, medium, and hard difficulty