

# DANNY HYUN BUM CHO

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## EDUCATION

### University of California, Santa Barbara

Expected June 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:** HTML5, CSS3, Ruby on Rails, jQuery, Bootstrap, Less, MySQL, PostgreSQL

**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

### EasySitter

Jan 2016

- Placed 1<sup>st</sup> at WeHack Southeast Cities Hackathon for both Civic and Microsoft challenges
- 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 2<sup>nd</sup> 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