

Bice House Apt #503  
583 Brandon Avenue  
Charlottesville, VA 22903

**Ryan Coughlin**

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## SKILLS

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- Programming languages - Java, Android, C++, Bash/Command Line
- Experienced with Windows and UNIX/Linux environments
- Foreign Languages - Chinese, *Basic Proficiency* (3 Semesters at UVa)

## EDUCATION

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**University of Virginia**, Charlottesville, VA

Graduation: May 2018

- Computer Science - Major GPA: 3.65/4.00, Cumulative GPA: 3.54/4.00
- Intended second major in Chinese, intended minor in Mathematics
- Related Coursework - Program and Data Representation, Software Development, Discrete Math, Elementary Linear Algebra, Multivariable Calculus

## WORK EXPERIENCE

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**Aol.**, *Product Management Intern*, Dulles, Virginia

June 2015 - August 2015

- Worked on several startup ideas for project managers within an R&D group
- Exercised Lean Startup methodology and conducted extensive user testing
- Supported Android developers, researching and suggesting new app features and testing feature functionality

**VA 10<sup>th</sup> Congressional District Democratic Campaign**, *Summer Intern* June 2014 - August 2014

- Canvassed, phone banked, handled data entry, distributed literature, drafted press releases, developed canvassing routes and campaign strategy
- Developed and built upon strong communication and teamwork skills

## MEMBERSHIPS & PROJECTS

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**"Coding in Honor of Connor" UVa Hackathon**, *3rd Place*

November 2014

- Built a program in Java made for UVa dining hall TV's that uses JavaMail API to handle incoming texts or emails from students voting for their favorite meals
- Displays an analysis of the quantified data using charts and graphs that update every few seconds

**CS 2110 Android Ghost Hunter Game Project Team Leader**

October 2014

- Developed a dungeon-style game as team leader for class project, responsible for prioritizing and managing Scrum backlog and sprints
- Implemented variably sized maps, randomly generated rooms, and sprite animation

**ACM - ICPC Team Member**

September 2015

- Attend weekly practices where teams compete in solving coding problem sets
- Helps especially teach effective implementation of data structures and operations on them to solve theoretical and real-life problems with a variety of programming languages

**Network Security Club**

September 2015

- Learn about network security vulnerabilities and examine real-life case studies
- Practice both implementation and prevention of common methods of attack (SQL Injection, Buffer Overflow, XSS)