

# Jack Cogdill

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## Experience

*Richmond, VA* **Software Engineer Intern, Capital One**

*06/18 - 08/18* Upcoming summer internship

*Bellingham, WA* **Software Development Intern, Faithlife**

*05/17 - 08/17* Used C#, JavaScript, CSS to create features and bug fixes for production  
Implemented 'Reopen Closed Tab' for complicated grid layout  
Developed API-agnostic speech-to-text service using WebSockets  
Created a team with a marketer, developer, intern for internal hackathon  
Actively participated in sprint planning meetings

## Projects

*College Park, MD* **Hack Attack, Bitcamp**

*04/17 - 05/17* Used PHP, JavaScript, CSS to develop interactive website  
Created 1-on-1 real-time challenges to teach programming  
Expanded on for a Facebook event hosted by Hackers at VT  
Created a tournament-style bracket with 95+ participants  
Students competed in cryptography and capture the flag challenges

*Durham, NC* **Bird Song, HackDuke**

*10/17* Developed a swarm intelligence platform for classifying bird songs  
Used JavaScript to develop back end server and client code  
The website updates real-time using WebSockets

*04/14* **Stealth PNG**

Used C to write a steganography program  
Encrypts and hides files or plain text inside PNG images  
Slightly modifies pixel colors, looking unchanged to the human eye

## Skills

### Programming

Proficient in Python, C, Java, Git  
Familiar with NodeJS, Bash, LaTeX

### Web

Proficient in CSS, Sass, JavaScript, HTML  
Familiar with React

### Languages

Japanese, Limited Working Proficiency

## Education

### Virginia Tech

*Exp. 12/18* B.S. in Computer Science  
Minor in Japanese Studies  
3.73 GPA

## Involvement

### Hackers at Virginia Tech

*02/17 - Pres* Leadership Team  
*08/17 - 12/17* Workshop Head

### Teaching Assistant

*01/18 - Pres* CS 2114  
*08/17 - 12/17* CS 1044

### Computer Science Mentoring

*01/18 - Pres* Mentor

### Kaiwa no Kai

*(Japanese Conversation)*

*08/15 - Pres* Member

## Honors & Awards

*2016 - 2018* **CSRC Scholarship**

*05/17 - 12/17* **Dean's List with Distinction**