

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

12/18 B.S. in Computer Science
Minor in Japanese Studies
3.78 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**

2017 - 2018 **Dean's List with Distinction**