

# HUSSAIN JAFFERY

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## EDUCATION

### Virginia Tech

Grad. Dec 2018

B.S. Computer Engineering, minor in Computer Science

*Coursework: Computer Systems, Data Structures & Algorithms, Microcontroller Interfacing*

## EXPERIENCE

### Software Engineer Intern | Facebook

Summer 2017

- Worked on Privacy & Trust, on a twelve-week project related to Privacy Checkup
- Built out features on Facebook's mobile site, using PHP and React

### Software Engineer Intern | Reinventing Geospatial

Jan – May 2017

- Worked on ENFIRE, a reconnaissance tool for the US military (.NET application)
- Developed a device history system, tracking and prioritizing commonly-used devices

### SWAT Technician | Virginia Tech

Aug – Dec 2016

- Assisted students in the college of engineering with software and OS installation, driver issues, virus removal, networking issues, and hardware diagnostics

### Programming Counselor | TIC Summer Camp

Summer 2013 – 2016

- Helped foster a love for and interest in programming through game development
- Taught Java and Logo (educational programming language, dialect of Lisp)

## SKILLS

- **Languages:** Java, C#, C/C++, Python
- **Tools:** Git, Mercurial, AWS
- **Web:** HTML/CSS/JS, PHP, React
- **OS:** Windows, Ubuntu

## PROJECTS

### HopHub | [hophub.org](http://hophub.org)

- HopHacks 2017 project, an iOS app for announcements, event discovery, and news for JHU students
- Scraped content from hundreds of online articles and mocked up a website, [hophub.org](http://hophub.org)

### MicroHorrorWorlds

- Horror game developed on a team of five in MicroWorlds Logo during summer 2015
- Created a rudimentary game engine to manage inventory, enemy spawns, and environmental interaction (player dialogue, collision detection)

## PASSIONS

### Swing Dancing

- President of Solely Swing, Virginia Tech's swing dance club
- Instructor for Blacksburg Swing Dance

### Public Speaking

- Varsity Debate, Forensics competitions (Poetry division)