HUSSAIN JAFFERY

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EDUCATION

Virginia Tech   **Grad. May 2019**
B.S. Computer Engineering, minor in Computer Science
Coursework: Data Structures & Algorithms, Computer Organization & Architecture

EXPERIENCE

Software Engineer Intern | Asana   **Summer 2018**
- Built and launched features to edit and pin comments via the Asana API
- Improved API performance by migrating endpoints from JavaScript to newer Scala infrastructure, achieving up to 8-10x speed-ups

Software Engineer Intern | Facebook   **Summer 2017**
- Built a product to help users manage privacy settings and control who they're sharing with
- Developed features on Facebook's mobile site in PHP and React
- Coordinated testing across multiple platforms, working with other engineers and data scientists

Software Engineer Intern | Reinventing Geospatial   **Jan – May 2017**
- Worked on ENFIRE, a reconnaissance tool for the US military (C#/.NET application)
- Developed a device history system, to track and prioritize commonly-used devices

SWAT Technician | Virginia Tech   **Aug 2016 - Present**
- Tech support for engineering students – crashes, driver issues, hardware diagnostics

SKILLS

- **Languages:** Java, C++, Python, Scala, Rust
- **Web:** HTML/CSS/JS, PHP, React
- **Tools:** Git, Mercurial, AWS, SQL
- **OS:** Linux/Unix, Windows

PROJECTS

HopHub | *Hophacks 2017*
- Built support infrastructure for HopHub, an iOS app for news and event discovery
- Managed MySQL database, wrote web scrapers in Python, and mocked up a website, hophub.org

Personal Website / Webserver
- Built hussainj.com with basic web technologies and Bootstrap (CSS/JS framework)
- Provisioned a server on Amazon Web Services, set up an Apache webserver with SSL support

ACTIVITIES

Competitive Programming
- Member of Virginia Tech's programming team, preparing for ICPC and regional competitions

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