HUSSAIN JAFFERY

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EDUCATION

Virginia Tech   **Grad. Dec 2018**
B.S. Computer Engineering, minor in Computer Science
Coursework: Software Design & Data Structures, Digital Design 1, Microcontroller Interfacing

EXPERIENCE

Software Engineer Co-op | Reinventing Geospatial   **Jan – May 2017**
– Developing tools in support of large-scale geospatial software development products
– Working in an Agile development environment, performing unit tests

SWAT Technician | Virginia Tech   **Aug 2016 – Present**
– Assisting students in the college of engineering with software and OS installation, driver issues, virus removal, networking issues, and hardware diagnostics
– Working with Windows, Linux, and macOS

Programming Counselor | TIC Summer Camp   **Summer 2013 – 2016**
– Helping foster a love for and interest in programming through game development
– Teaching Java or Logo (educational programming language, dialect of Lisp)

SKILLS

– **Languages:** Java, C++, C, Python   – **Dev Tools:** Git, AWS
– **Web:** HTML/CSS/JS, Bootstrap   – **OS:** Windows, Ubuntu

PROJECTS

Web Development
– Studying The Odin Project's full stack web development curriculum – HTML/CSS/JS, Ruby on Rails
– Experimenting offline and on hussainjaffery.com, building a simple portfolio website

MicroHorrorWorlds
– Horror game coded in MicroWorlds Logo during the summer of 2015
– Implemented a rudimentary game engine to manage inventory, enemy spawns, and environmental interaction (player dialogue, collision detection)
– Worked on a five-person team to create the game's programming, art, and music

PC Build
– Built a computer for home use, from selecting parts to assembling to installing Windows.

PASSIONS

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

Public Speaking
– Varsity Debate, Forensics Competitions (Poetry Division)