Kyle Thompson

Software Engineer
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Kyle703.github.io

SKILLS

Proficient – Java, C, GNU/Linux (RPM)

Familiar – JavaScript, C++, JQuery, Groovy, HTML, Python, Matlab

EXPERIENCE

Solers Inc.

Blacksburg, VA
Jan2016 – Aug 2016

Arlington, VA
Jun 2017 – Aug 2017

SOFTWARE ENGINEER – 40 hours/week

Worked on an agile scrum team to develop DIBNet - a DoD cyber threat and incident information reporting portal. **Clearance**: SECRET

Technologies used – java, Groovy, JavaScript, JQuery, and vagrant and ansible to deploy on a RHEL environment

Notable tasks – implementing a security certification uploader, refactoring email service to allow admins the ability to edit

VIRGINIA TECH

Blacksburg, VA
Aug 2017 – present

UNDERGRADUATE TEACHING ASSISTANT – 10 hours/week

CS 1044 - Intro Programming in C

Teach and assist students with concepts and assignments in C++

EDUCATION

VIRGINIA TECH

Blacksburg, VA
Aug 2014 – present

BACHELOR OF SCIENCE - Computer Science

Minors in Mathematics and Cyber Security

Expected date of graduation December 2018

Overall GPA: **3.51**   In Major GPA: **3.46**   Credits: **82**

School Projects

- *MIPS Assembler* (in C) – translates assembly instructions into binary
- *Hamming Code* (in C) – translates bytes using the classic data encoding scheme to prevent the corruption of data
- *Buffer Bomb* (C & x86) – exploring security vulnerabilities

EXTRACURRICULARS

Virginia Tech Men's Rugby (2015 – present) – 15 • Fullback

In addition to playing, raise money for various charities

Delta Tau Delta Fraternity (2016 – present) – Active member, participate in various volunteering and philanthropy events