Thomas Heatwole

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Experience

Center for Open Science   Charlottesville, VA
Software Developer Intern   May 2016 – August 2016
- Created *OSF For Meetings* (see projects)
- Worked on design and full-stack implementation with a team of developers using Git for version control and an Agile software development workflow with semi-weekly sprint planning meetings and daily stand-up meetings

University of Virginia   Charlottesville, VA
Teaching Assistant (CS 4102, CS 2102)   January 2016 – Present
- Host weekly office hours to assist students with topics such as algorithms, object-oriented programming, data structures, discrete math, Java, and C++.
- Assist professor by grading homework assignments and exams

Projects

OSF For Meetings   May 2016 – August 2016
- A free conference-hosting web application for scientific researchers implemented with JavaScript (Ember.js) and Python (Django REST Framework)
- Received over 1000 submissions in 2016

ABINPC.com   September 2016 – Present
- A JavaScript web application for hosting a March Madness picking pool with an improved scoring system. Supports entering picks, viewing picks, scoring, and viewing scores. (Independent project)

Extracurricular Activities

University of Virginia Poker Association   April 2016 - Present
Founder, President
- Recruit members, host and organize events, manage budget

Cavalier Daily   January 2017 - Present
Web Developer
- Rebuild and improve the website for the university's newspaper using AngularJS and the Django REST Framework

Education

University of Virginia, Engineering
- B.S. Computer Science
- Expected graduation: May 2019
- Major GPA: 3.8/4.0
- Cumulative GPA: 3.4/4.0

Albemarle High School (VA)
- Advanced Diploma
- GPA: 4.3
- Math Engineering and Science Academy
- AP Scholar with Distinction

Skills

Languages: Proficient in Java, C++, JavaScript and Python. Used C, PHP, MySQL and MATLAB

Frameworks: Proficient in Ember.js. Used AngularJS and Django

Software: Linux/Unix, Mac OS X, Git, Vim, Eclipse

Coursework

CS 4102: Algorithms
CS 3330: Computer Architecture
CS 3205: Human-Computer Interaction
CS 3102: Theory of Computation
CS 2150: Program and Data Representation
CS 2110: Software Development Methods
CS 2102: Discrete Mathematics
APMA 3080: Linear Algebra