

THOMAS G. HEATWOLE

tomh@virginia.edu • (434)825-8023 • 1406 Grady Avenue, Charlottesville, VA 22903
<https://github.com/tomheatwole> • <https://linkedin.com/in/tomheatwole> • <https://tomheatwole.com>

EDUCATION

University of Virginia - School of Engineering and Applied Sciences <i>B.S Computer Science</i> <ul style="list-style-type: none">• In-major GPA: 3.8/4.0, Cumulative GPA: 3.5/4.0• Relevant coursework: Algorithms, Computer Architecture, Program and Data Representation, Human-Computer Interaction, Theory of Computation, Software Development Methods, Discrete Mathematics	Charlottesville, VA Expected May 2019
---	--

EXPERIENCE

AT&T Inc. <i>Incoming Software Engineering Intern</i>	Chicago, IL Starting June 2017
Center for Open Science <i>Software Developer Intern</i>	Charlottesville, VA May 2016 – August 2016
<ul style="list-style-type: none">• Created a free and open-source web application using JavaScript (Ember.js) and Python (Django REST Framework) for scientific research conferences (https://osf.io/meetings) – received over 1000 submissions in 2016.• Participated in an Agile software development lifecycle with two-week code sprints, daily stand-up Scrum meetings, and Git for version control.	
University of Virginia Department of Computer Science <i>Teaching Assistant</i>	Charlottesville, VA January 2016 – Present
<ul style="list-style-type: none">• Assisted professors with <i>Algorithms</i> (CS 4102), <i>Software Development Methods</i> (CS 2110), and <i>Discrete Mathematics</i> (CS 2102).• Graded exams and assignments, proctored weekly lab sections, and hosted weekly office hours to help students with algorithm design and analysis, object-oriented programming, Java, and C++.	

PROJECTS AND EXTRACURRICULARS

Best Way Back – TBTN Hackathon at UVA (https://github.com/tomheatwole/bestwayback)	April 2017
<ul style="list-style-type: none">• Created a JavaScript web application integrated with the Google Maps API which uses government-issued crime data to calculate the safest walking route to a given location.• Won awards for “Best Overall Hack” and “Best User Experience Hack”.	
March Madness Picking Contest (https://abinpc-aac43.firebaseio.com)	January 2017 – Present
<ul style="list-style-type: none">• Solely developed a JavaScript web application which allows users to enter picks, view picks, and view scoring for the NCAA March Madness tournament.• Designed and implemented an improved scoring algorithm which awards more points for correctly picking upsets.	
EmberFire Find Query Add-on (https://github.com/tomheatwole/ember-emberfire-find-query)	January 2017
<ul style="list-style-type: none">• Researched, designed, and implemented a solution for a deprecated feature of EmberFire which allows users to search with multiple parameters in the same database query.• Published an open-source Ember.js add-on to node package manager (npm).	
Virginia Poker Association <i>President</i>	April 2016 – Present
<ul style="list-style-type: none">• Founded the University of Virginia’s first poker club and gained over 50 active members after one semester through advertising and recruiting.• Oversee management of budget, schedule, monthly tournaments, and charity poker events.	

SKILLS

Languages: Java (proficient), C/C++ (proficient), JavaScript (proficient), Python (proficient), HTML/CSS (used), PHP (used), MySQL (used), MATLAB (used)
Software: Linux/Unix (proficient), Git (proficient), Vim (proficient), Eclipse (proficient), Visual Studio (used)