

CAMERON CAPEN FARMER

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OBJECTIVE

Seeking a full-time computer science in the areas of software development, cybersecurity, or artificial intelligence

EDUCATION

Bachelor of Science in Computer Science, Concentration: Software Development - GPA: 3.3 Exp. Grad.: December 2021
Case Western Reserve University, Case School of Engineering, Cleveland, Ohio

Current Skills: *Java, HTML/CSS, MySQL, Python Scripting, Full Stack Development (React & Ruby on Rails), IT Troubleshooting for Hardware and Software, Unit Testing, Debugging, Defensive Programming, Basic Artificial Intelligence*

WORK EXPERIENCE

Student IT Support Technician, [U]Tech – Cleveland, Ohio

Sept. 2017 – Dec. 2017, June 2019 - Present

- Troubleshoot for faculty, staff, and student electronic devices to resolve hardware and software malfunctions.
- Completed hardware and software repairs including screen replacements, virus removal, re-imaging, and part installation.
- Staffed the [U]Tech Care Center ‘Ingenuity Bar’, providing in-person assistance with troubleshooting and routine repairs.

iXp Software Development Intern, SAP - Herndon, Virginia

June 2020 - August 2020

- Planned, proposed, and implemented new features in SAP's proprietary Learning Management Software (LMS) suite.
- Worked side-by-side with full time software developers in an agile development cycle, complete with daily scrums, sprint meetings, and peer reviews.
- Utilized **RESTful APIs** to conduct full stack development, requiring the comprehension and navigation of a massive proprietary code base through 10+ separate Java objects.
- Programmed hundreds of lines of code in Java, YAML files, **SQL** queries, and more to make a visually appealing web page results from the manipulation of database results with back-end logic.

Software Development Intern, Solution Street – Herndon, Virginia

June 2018 - August 2018

- Collaborated with a team of interns to engineer a web-based application used to streamline business work flow for a local catering company.
- Utilized the **Ruby on Rails framework** in an agile development cycle to create and improve both front-end and back-end functionalities using Ruby, HTML/CSS (with Bootstrap), and jQuery.
- Consulted with our clients to facilitate product development and identify business challenges to be resolved by our software.
- Familiarized myself with **Git** for version control and Unfuddle's ticketing system for project management.
- Wrote unit tests for completed code prior to deployment, plus conducted peer code reviews, testing, and debugging.

Web Development Intern, In Silico Solutions - Vienna, Virginia

June 2017 - August 2017

- Developed software improvements for the web-based bioinformatics application SpliceSeq
- Solely responsible for developing a new advanced data mining webpage that included integration of clinical data, quantifications thereof, and gene expression levels.
- Transformed and loaded new data into **MySQL** tables using SQL Workbench and scripts in Java using embedded SQL queries. Implemented a JSP page, servlet, and JDBC SQL code in Java using Eclipse and Subversion.

LEADERSHIP

Vice-President of Finance for CWRU Greek Life – Cleveland, Ohio

January 2020 – September 2020

- One of ten executive board members for a Greek Life community with over 1,800 members.
- Allocated funds for large and small-scale events for Greek Life, through individual chapters and organizations.
- Chartered a new endowment for excess funds to finance scholarships for Greek Life members.
- Managed a **budget of over \$70,000** per semester, addressing executive and chapter level demands.

Secretary & Treasurer of the CWRU Nu Chapter – Cleveland, Ohio

September 2017 – December 2019

- Served as Secretary and Treasurer on executive board for four semesters, overseeing a chapter of over 35 members
- As secretary, recruited one of the largest new member classes in chapter history, and improved chapter-university relations
- As treasurer, recovered over **\$30,000 in missing funds**, digitized member financial records and obligations, modernized chapter methods of accounting, and **budgeted approximately \$40,000** each semester in chapter funds.

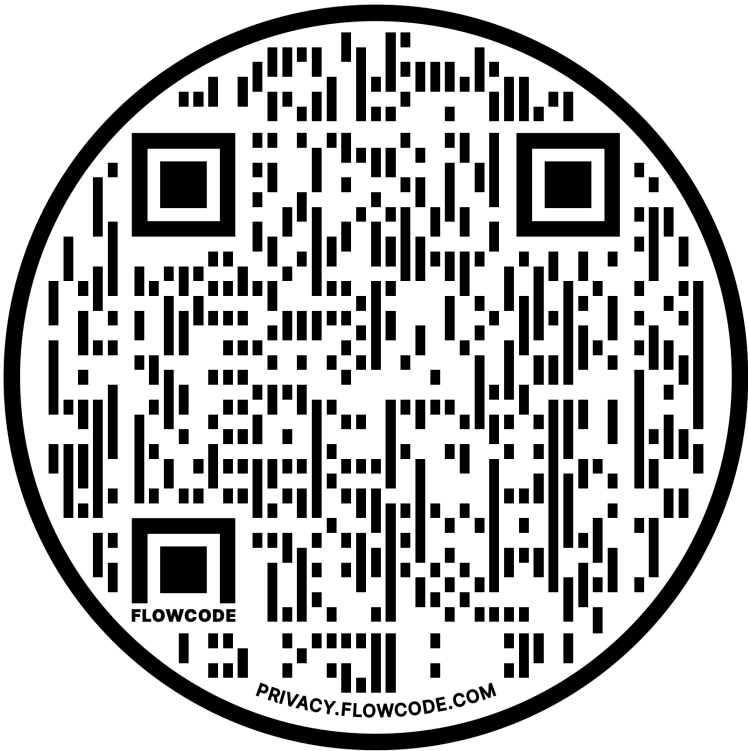
Boy Scouts of America - Vienna, Virginia

March 2009 - December 2016

- Achieved the rank of **Eagle Scout** and executed an Eagle Project to benefit Alternative House, a shelter for at-risk teens.
- Earned the **Bronze Palm** award for continuing to exemplify leadership after achieving the rank of Eagle Scout.
- Performed over **200 hours of community service**, including Eagle Projects, food pantry collections and stocking, volunteering for Habitat for Humanity, awareness campaigns, and soup kitchens.

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My Website