GALEN BERGER-FLETCHER

Software Developer

Contact

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📱 (360) 707-1664

🌐 linkedin.com/galen-wq

Programming Languages (Proficient)

PYTHON - FLASK, DJANGO

JAVA

C# - UNITY GAME ENGINE

Programming Languages (Familiar)

C

HTML/CSS

JAVASCRIPT

SQL

SCHEME

Other Skills

TEST-DRIVEN DEVELOPMENT

OBJECT-ORIENTED DESIGN

SOFTWARE DESIGN PATTERNS

UI/UX DESIGN

USER TESTING

VERSION CONTROL - GIT

Computer science honors grad with exemplary skills in coding, creative problem-solving, and interpersonal communication paired with a strong work ethic and the ability to learn quickly. Seeking to gain industry experience and contribute my analytical abilities and enthusiasm as part of a software development team.

EDUCATION

Carleton College, Northfield, Minnesota — 2015-2019
Bachelor of Arts in Computer Science
Honors: Magna cum laude / Dean's List / Phi Beta Kappa Honor Society
GPA: 3.95/4.00   **Major GPA**: 3.98/4.00
Relevant coursework: Data Structures, Algorithms, Design and Implementation of Programming Languages, Software Design, Parallel & Distributed Computing, Artificial Intelligence, Human-Computer Interaction, Linear Algebra, Graphics, Database Systems, & Natural Language Processing

Skagit Valley College, Mount Vernon, Washington — 2013-2015
Associate in Arts & high school diploma (dual-credit program)
Honors: Honor Roll / Student of the Year Finalist / Phi Theta Kappa Honor Society / President's Medal
GPA: 4.00/4.00

WORK EXPERIENCE

Assistant System Administrator — 2017-2019
Carleton College Math & Computer Science Departments
- Wrote Bash and Python scripts to manage filesystem and software in Computer Science computer labs and servers (Linux and MacOS)
- Configured, tested, and wrote internal documentation for various curricular technologies, including Slurm, X2Go, AWS, and JetBrains IDEs
- Diagnosed and solved technical problems for faculty and students

Student Government President — 2014-2015
Skagit Valley College
- Directed 10-person team of student leaders
- Chaired $1.2 million Service & Activities Fee budget committee
- Delivered monthly oral and written reports to college Board of Trustees
- Facilitated communication between college administration and over 50 student clubs

PROJECTS

SubGit - *Carleton College Computer Science Department*
- Designed architecture, UI, pageflow, & database schema for webapp to replace department's current homework submission system
- Implemented in Python/Django, HTML5, & CSS, using Git and GitHub API for version tracking and easy access by graders and professors
- Wrote extensive documentation on deployment and maintenance

WriterBot - *Carleton College Senior Capstone Project*
- Constructed system for AI-assisted creative writing on a 4-person team
- Implemented recurrent neural network for natural language comprehension and generation in Python/TensorFlow
- Built webapp in Python/Django, HTML5, & CSS, using OAuth2 for account authentication