DANE JOHNSON

847-525-4515 ● daneallenjohnson@protonmail.com ● danejohnson.org ● github.com/dane-johnson

Education:

Southern Illinois University Edwardsville, Edwardsville, IL   December 2018
Bachelor of Science in Computer Science (Magna Cum Laude)
Minor in Mathematics
GPA: 3.85

Washington University, Saint Louis, MO   August 2021
Master of Science in Computer Science (Anticipated)
GPA: 3.67

Related Courses:

- Operating Systems
- Database and Web Development
- Theory of Computation
- Concepts In Multicore Computing
- On Robots (Interdisciplinary Computer Science/Philosophy)

Technical Skills:

Languages: Java, Python, C, C++, PHP, JavaScript, Lua, LISP (Scheme/Clojure)
Operating Systems: Windows, OSX, Linux/GNU
Web: Apache, PHP, CSS, node.js, React, Vue

Leadership and Service:

Treasurer, Computer Association of SIUE
Competitor, International Collegiate Programming Contest
Committee Member, SIUE Meridian Scholarship Selection 2018
Artifact Reviewer, PLDI 2021

Employment History:

Software Developer, Bayer   Spring 2019 – Fall 2019
- Developed internal applications for human resource management, later developed point-of-sale interface for seed purchasing customers

Math Tutor, Southern Illinois University Edwardsville.   Fall 2015 – Fall 2018
- Tutored in undergraduate level Math, Computer Science, and Reasoning and Argumentation courses

Software Development Cooperative, Maryville Technologies   Spring 2017 - Fall 2017
- Collaborated with a team of undergraduate developers to produce prototypical software for company consultants
- Co-created "Codesplain", software to allow instructors and students to interact with annotated and syntactically tagged code

Software Development Cooperative, Unigroup   Fall 2017 - Spring 2018
- Created software to facilitate relocation of Saint Louis area residents
- Won company Hackathon in collaboration with team of 3

Instructor iD Tech Camps   Summer 2018
- Instructed students aged 7-17 on a range of technology related topics, including 3D game design with Unreal Engine and scripting with Lua
- Taught independently and with co-instructors