KEVIN THOMPSON

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www.github.com/kevthompson

EDUCATION

University of Illinois at Urbana-Champaign   Expected Graduation: May 2020
Bachelor's Degree, Computer Engineering   GPA: 3.3
Minor in Mathematics   Technical GPA: 3.6

SKILLS

Proficient:	C, C++, Python, Haskell, Node.JS
Familiar:	Java, Assembly (x86), Bash, SQL, Javascript/HTML/CSS, SAS
Other skills:	LaTeX, AWS, Amazon Alexa, Arduino, Familiarity with Linux, Windows

EXPERIENCE

State Farm Research & Development Center   September 2018 - Present
IT/Systems Intern
· Working on a tool which compiles SAS code into a universal file format (Python)
· Completion of this project will cut processing time from months to seconds

State Farm Research & Development Center   May 2018 - August 2018
IT/Systems Intern
· Developed tools to monitor the availability of State Farm websites (Javascript/HTML/CSS)
· Reworked the server code into Node.JS to be more secure and maintainable
· Manipulated data from SQL databases to display results in an intuitive way

ECE 220 Course Staff   Spring 2018 - Present
· Responsible for grading the machine problems and examinations for 2 of the 9 discussion sections

PROJECTS & PRACTICE

IoT Dishwasher   Fall 2017 - Spring 2018
· I developed the Alexa Skill for a UIUC professor's research project (Node.JS, AWS)
· I prepared and presented the research poster for PECI in February 2018

Project Euler & HackerRank
· These are two websites which provide a wide range of problems to practice programming
· My solutions for Project Euler problems are posted on my GitHub (C, C++, Python)
· I have been using HackerRank to learn functional programming in my spare time (Haskell)

RELEVANT COURSES

Computer Science & ECE Courses	Math Courses
Data Structures	Calculus (III)
Algorithms (ongoing)	Differential Equations Plus Linear Algebra
Artificial Intelligence (ongoing)	Probability with Engineering Applications
Digital Signal Processing (ongoing)	Non-Euclidean Geometry
Introduction to Robotics (ongoing)	Differential Geometry
Computer Systems Engineering	