

Zachary R. McKee

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OBJECTIVE

Second-year computer science student seeking an internship for summer 2018.

EDUCATION

B.S. Computer Science | 2016-2020 | Illinois Institute of Technology

Major GPA: 4.0

Overall GPA: 3.75

Relevant courses taken include Data Structures and Algorithms, Computer Organization & Assembly Language Programming, and Database Organization.

TECHNICAL SKILLS

Programming Languages

Python, C, Java, Haskell

Front-end Technologies

HTML/CSS

Database Tools

Oracle SQL, PL/SQL, PostgreSQL

Development Tools

Git, Vim, Eclipse, Visual Studio

EXPERIENCE

Teaching Assistant | Illinois Institute of Technology | Fall 2017

Course: Computer Organization & Assembly Language Programming

Responsible for assisting students during lab sessions, holding office hours, answering student inquiries on Piazza, grading assignments and proctoring exams.

PROJECTS

PiAlert

Submitted for MHacks X, PiAlert is a home security system implemented using a Raspberry Pi. With the help of Twilio's API for Python, it sends a text message to the user if it thinks someone broke into their home. Details can be found at <https://devpost.com/software/pialert>.

NoteMaker

Submitted for Boilermake V, NoteMaker is a piece of note-taking software that allows students to be able to look up confusing terms incredibly quickly, using a sidebar that includes a module that displays a summary of a Wikipedia article regarding the chosen topic. Details can be found at <https://devpost.com/software/boilermakev>.

Huffman Code Text Encoder/Decoder

Text compression/decompression application showcasing my knowledge of trees, hash tables, and general algorithm design. Developed entirely in Python. The source code can be found at the following link: <https://github.com/ZacharyRMcKee/Final-Spring17CS331>