

Zachary R. McKee

2566 Chasewood Court, Aurora, IL 60105 | (630) 805-3042 | zmckee@hawk.iit.edu
<http://ZacharyRMcKee.com> | <https://www.linkedin.com/in/ZacharyRMcKee/>

Objective

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:

- | | |
|---|----------------------------------|
| - Data Structures & Algorithms | - Discrete Structures |
| - Computer Organization and Assembly Language Programming | - Systems Programming |
| - Database Organization | - Programming Paradigms/Patterns |
| | - Object Oriented Programming |

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, Linux

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 (MHacks X)

<https://devpost.com/software/pialert>

Home security system built using a Raspberry Pi, optimized for affordability and ease of use.

Huffman Code Text Encoder/Decoder

<http://zacharyrmckee.com/projects.html>

Text file compression/decompression application showcasing usage of trees, hash tables, and general algorithm design.

NoteMaker (Boilermake V)

<https://devpost.com/software/boilermakev>

Note-taking software that allows students to look up confusing terms incredibly quickly, using a sidebar that includes a summary of a relevant Wikipedia article.

LC-3 Simulator

Implements the instructions of the LC-3 assembly language. Effectively simulates a basic computer, complete with simulation of some hardware-level details (such as the program counter and loading instructions).