Zachary R. McKee

1235 Bishop Street, West Chicago, IL 60185 | (630) 805-3042 | zmckee@hawk.iit.edu
http://ZacharyRMcKee.com | https://www.linkedin.com/in/ZacharyRMcKee/

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:

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

Technical Skills

Programming Languages
Python, C, Java, Haskell

Database Tools
Oracle SQL, PL/SQL, PostgreSQL

Front-end Technologies
HTML/CSS

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.

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.

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.

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).