JONATHAN I. BOYD

B.A. Computer Science (DEC 2024) University of Iowa

Portfolio Website:

102 Hawkeye Ct. Iowa City, IA 52246

(319) 321-5111 │ jonboydpersonalemail@gmail.com

LinkedIn: linkedin.com/in/jonathan-boyd-a8738a291

COMPUTER SKILLS

C/C++   *Linux*   *Python*

Networking*   HTML/CSS   Qt 6*

Java   MATLAB*   SQL*

C#   x86 – 64*

Soon studying: Compilers, AI, Machine Learning

WORK EXPERIENCE

Patient Care Technician (University of Iowa Hospitals and Clinics)

(March 2020 – Present)

Cashier/Server (Fuzzy's Taco Shop)

(August 2019 – January 2020)

Cashier/Customer Service (Barnes and Noble)

(May 2017 – July 2017)

CLASS PROJECT EXPERIENCE

The University of Iowa, Iowa City, IA

Computer Science I: Fundamentals (Fall 2022)

Project 1 (Displayed on LinkedIn and Git)

- Utilized **Python programming** language to extract data and produce KML files, mapping calculated coordinates and strategic connections.

Project 2 (Displayed on LinkedIn and Git)

- Utilized **Python programming** language to produce movie rating predictions, via **large, correlated datasets**, with results displayed via bar charting.

Computer Organization (Fall 2023)

Various assembly code assignments providing exposure to low-level programming.

Operating Systems (Spring 2024 – in progress)

Project 1 (Displayed on LinkedIn and Git)

- Utilized C programming and advanced UNIX programming concepts to implement a mock Linux shell application.

Project 2 (Soon to be available on Git)

- Working with Qt 6, C/C++ to produce a dynamic process monitor desktop application (in progress)

CERTIFICATIONS & ACADEMIC BADGES

CompTIA A+ Certified (Nov. 2023)
Cred ID: T2YCWQ16B1E11S9L

Cisco Network Devices and Initial Configuration
(Jan 2024 – Badge)

Cisco Network Basics
(Jul 2023 – Badge)

Cisco Introduction to Cybersecurity
(Mar 2023 – Badge)

CompTIA Network + / Linux +
(To be completed prior to graduation)

***Actively completing Code Academy Back-end Engineer learning path.