

Andrew Keirn

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EDUCATION

Purdue University, West Lafayette, IN

May 2022

B.S. in Computer Science

Certificate in Entrepreneurship and Innovation

SKILLS AND PROFICIENCIES

Ranked 1 (Learning) - 10 (Advanced Proficiency)

Languages: Java (7), C (7), C# (4), Bash (3), Python (3)

Software/Tools: IntelliJ IDEA (8), Unix/Linux (5), Git(4), Visual Studio (4), Android (3)

Other Skills: Building PCs (8), Spanish (Limited working proficiency)

EXPERIENCE

ThoughtSTEM - Software Development Intern / Team Leader - San Diego, CA

Summer 2019

- Developed software education projects for youth to learn about computer science.
- Taught students from 3rd through 6th grade how to code using DrRacket to develop 2D role-playing games based around their interests such as Harry Potter and Marvel's Avengers.

Turtle Beach - Product Management Intern - San Diego, CA

Summer 2018

- Drove forward PC software design project by outlining features and designing wireframes after testing and reviewing competitors' software to create a high-quality product.
- Enhanced more than fifteen products through collaboration as a team by communicating customer reviews and engineering constraints which resulted in an increase in sales.
- Managed User Trials program by distributing several pre-production units of more than ten products internally and creating in-depth product surveys in order to gain useful feedback.

RELEVANT COURSEWORK

Previous: Problem Solving and Object-Oriented Programming (Java), Programming in C, Foundations of Computer Science (Discrete Mathematics)

Current: Data Structures and Algorithms, Computer Architecture

PERSONAL PROJECTS

"GPA Calculator" - C#, .NET

March 2019 - Present

- Windows desktop application designed and programmed in Visual Studio
- User inputs class names, grades, and credit hours to be listed and calculated.

"Audio EQ" - Java, Android

October 2018

- Constructing and implementing a local sound equalizing service on Android devices.
- User can create custom equalizer profiles and save them in the application.

ACTIVITIES

Data Mine Learning Community - Member - Purdue University

2019-Present

MiniMake Youth Hackathon - Mentor - Purdue University

Spring 2019

- Taught middle school student one-on-one how to perform an insertion sort on a doubly-linked list in Java, which was later presented to the rest of the participants.