

Jonathan, Tipton

iOS/Front-End Developer

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EDUCATION

Boise State University

Boise, ID

B.S. in Computer Science, Cybersecurity

Expected Graduation May 2022

Relevant Coursework: Agile Development. Computer Security. Data Structures. Databases. Mobile Application Development. Network Security and Defense. Operating Systems. Software Engineering.

Boise State University

Boise, ID

B.S. in Games, Interactive Media, and Mobile

Expected Graduation May 2022

Relevant Coursework: Game Design Theory. Game Development. Interactive Physical Computing. Interactive Programming. Mobile Application Dev Media. Mobile Web Development.

EXPERIENCE

APPLE INC.

Boise, ID

Genius

August 2018 – Present

- Expanded responsibilities of previous roles to include Mac hardware and software repair.
- Devised logical troubleshooting workflows and delivered concise technical documentation.
- Spearheaded team initiatives that decreased triage turnaround times and increased accuracy of customer issue resolutions.

Technical Expert

March 2018 – July 2018

Technical Specialist

November 2017 – March 2018

- Assessed and repaired iPhone hardware with a focus on attention to detail and high-quality results.
- Collaborated with team members on complex technical problems and identified effective solutions.
- Facilitated software training and supported customers with hardware/software troubleshooting.

TECHNICAL SKILLS

Certifications: Apple Certified Mac Technician (ACMT), Apple Certified iOS Technician (ACiT)

Programming Languages: Bash, C, C#, CSS, Dart, HTML, Java, JavaScript, SQL, Ruby, Swift

Software Development: Agile Methodologies, AR/VR, CocoaPods, DevOps, Firebase, Flutter, Git, Linux, Microsoft Azure, REST APIs, Software Development Life Cycle (SDLC), Unity3D, Version Control, Xcode

PROJECTS

Theia Wayfinding

September 2021 – Present

- Led software development on a senior capstone project over two semesters.
- Established objective to leverage augmented reality, GPS, and other mobile technologies to create a wayfinding application for users that are visually impaired.
- Implemented a sound-based waypoint system that references virtual anchors associated with real-world geographical locations.

Ecological Momentary Assessment

January 2022 – Present

- Led iOS development and collaborated with a cross-functional team on a senior design project.
- Continued work started by previous students on a cross-platform mobile application.
- Implemented iOS functionality and continuous integration.

INTERESTS

- Hiking, Kayaking, Mountain Biking, Nature Photography, Snowboarding, Video Game Development