

JOE DUVALL

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SOFTWARE DEVELOPER / SOFTWARE ENGINEER

High level of proficiency in iOS, macOS, Windows, Swift, Objective-C, HealthKit, UIKit, and Xcode. Bachelor's Degree in Computer Science. Hands-on experience and success in iOS app development.

- ⇒ Experience in working with user groups to understand and incorporate their needs into app designs.
- ⇒ Excellent analysis, testing, and problem-solving skills, along with a high level of adaptability to change.
- ⇒ Effective record of meeting and exceeding goals, including on-time and on-target project/task completion.

Technology: Languages: Swift, Objective-C, Python, PHP, Visual Basic, Java ♦ Platforms: iOS, macOS, Windows ♦ APIs: HealthKit, UIKit, AVKit, AVFoundation, Cocoa ♦ Applications: Xcode, Interface Builder, Charles Proxy, Hopper Disassembler, Reveal, Sketch, Photoshop, Audition, Logic Pro, Final Cut Pro, Wireshark, Microsoft Office

EDUCATION

BA in Computer Science – Bucknell University – Lewisburg, PA – 2016. Training: Layers (2017), AltConf (2017), Swift Summit (2016) ♦ Courses: Individual Study in CS (advanced iOS), iOS Software Development, Human-Computer Interaction, Programming & OS Design ♦ Projects: Worked with team on developing iPhone app called “Tipster”; collaborated on creating app for locating library books; developed curriculum for Advanced iOS Development Course (Independent Study) and created streaming radio app ♦ Awards: Dean’s List: May 2013, May 2016

EXPERIENCE

Driver – Independent Contractor – 2017-Present

Working as a temporary independent contractor for companies including Lyft, Amazon, and Instacart.

- **Consistently receive 5-star ratings** by maintaining an excellent record of safety and customer satisfaction.

Teaching Assistant – Bucknell University – 2016/2015

Invited by professor of iOS Software Development course to conduct research for Geisinger Health System (local hospital) and then serve as his 1st-ever Teaching Assistant for this course.

- **Improved student productivity and learning outcomes** through detailed tutoring and assistance.

Remote Broadcast Production Assistant – Sunbury Broadcasting Corporation – 2013-2016

Provided technical help during live community broadcasts. Set up equipment and established broadcast studio link.

- **Leveraged computer science background** to maintain an excellent record of troubleshooting.

Assistant Tech Manager / Tech Staff / Theatre Technician – Bucknell University – 2012-2016

Served as an Assistant Tech Manager for the campus’ Uptown Nightclub, co-supervising 10 tech staff members. Operated multiple systems, repaired equipment as needed, and identified areas to streamline/improve operations. Acted as the Lead Sound Engineer for 2 mainstage musicals at the Theatre.

- **Utilized technology knowledge to facilitate improvements** in systems, equipment, and processes.

Station Manager / Production Manager / Other Positions – WVBU-FM, Bucknell University – 2012-2016

As Station Manager, supervised staff of 30-40 and chaired the station’s Board of Directors. As Production Manager, recorded and produced show promos, station IDs, and radio shows. Set up and operated equipment/systems.

- **Singlehandedly convinced Bucknell Administration to keep FCC FM license** for the radio station.

Undergraduate Student Researcher – Bucknell University – 2014-2015

Hired to work on iOS app for the Geisinger Health System’s Obesity Institute. Met weekly with team from Geisinger to discuss progress and goals. Presented new, modern app design to Geisinger team for feedback/approval.

- **Gained approval for app design, including new icon;** added 2 new tools to improve patients’ decisions.
- **Incorporated HealthKit and adopted new iOS 9 features** such as Stack Views and Storyboard References.