

Joe Duvall

iOS Developer

Santa Clara, CA - Email me on Indeed: [indeed.com/r/Joe-Duvall/46122d846b7bba3e](https://www.indeed.com/r/Joe-Duvall/46122d846b7bba3e)

Authorized to work in the US for any employer

WORK EXPERIENCE

iOS Teaching Assistant

Department of Computer Science, Bucknell University - Lewisburg, PA - January 2015 to May 2016

Undergraduate Teaching Assistant for Mobile Systems Development (iOS) course for two semesters (Spring 2015 & Spring 2016). The class covered iOS development using Swift.

- Attended all class meetings to answer students' questions.
- Provided debugging suggestions to help students fix problems.
- Graded all homework assignments.

Remote Broadcast Production Assistant

WQKX, a station of Sunbury Broadcasting Corporation - Sunbury, PA - October 2013 to May 2016

- Set up equipment and supported on-air talent in the field during live remote broadcasts.
- Verified integrity of remote broadcast link and troubleshooted errors.
- Operated in-studio audio console during remote broadcasts.

Assistant Tech Manager

Uptown Nightclub, Bucknell University - Lewisburg, PA - June 2013 to May 2016

ASSISTANT TECH MANAGER (July 2014 – May 2016)

- Upgraded and repaired audiovisual and computer equipment.
- Provided recommendations for the purchase of new equipment.
- Operated sound, lights, and projections for weekend programming.

TECH STAFF (June 2013 – July 2014)

- Operated sounds and lights for weekend programming.
- Supported non-tech operations as needed.

Station Manager

WVBU-FM, Bucknell University - Lewisburg, PA - November 2012 to May 2016

SENIOR ADVISOR (January 2016 – May 2016)

- Offered guidance to station management during spring semester of senior year.

STATION MANAGER (December 2013 – December 2015)

- Led a DJ staff of over 40 student DJs and chaired the station's board of directors.
- Upheld standards of responsible and professional broadcasting.
- Led presentations and meetings with station staff.
- Made purchase and budgeting decisions.

PRODUCTION MANAGER (December 2012 – December 2013)

- Recorded and produced show promos, station IDs, and radio shows.

- Provided sound reinforcement for live events.
- Made arrangements to carry syndicated programming.
- Maintained and repaired station equipment.

RADIO DJ (November 2012 – May 2016)

- On-air radio personality.
- Host of 128 EDM, a weekly show highlighting electronic dance music.

Theatre Technician

Department of Theatre & Dance, Bucknell University - Lewisburg, PA - November 2012 to May 2016

- Designed and engineered sound for theatre shows and musicals.
- Maintained and repaired theatre equipment.
- Provided support at light hangs and focus.

iOS Developer / Researcher

Bucknell University, in association with Geisinger Health System - Lewisburg, PA - June 2014 to August 2015

Spent two summers researching and developing Get~2~Goal for Geisinger Health System. Get~2~Goal is an iOS app which provides bariatric patients with tools to manage expectations and make informed decisions about surgery. The app also allows patients to monitor their weight after surgery in hope of better outcomes.

VERSION 3 – SUMMER 2015 (June 2015 – August 2015)

- Added integration with HealthKit so that patients can interact with their health data from other HealthKit-enabled apps.
- Adopted new iOS 9 features such as Stack Views and Storyboard References.
- Designed and implemented a new Patient Stories tab, which allows patients to read about the triumphs and struggles other bariatric surgery patients have faced.

VERSION 2 – SUMMER 2014 (June 2014 – August 2014)

- Completely redesigned Get~2~Goal, optimizing the UI for iOS 7 and adopting Auto Layout.
- Added two tools which use a patient's profile to predict the probability of survival and diabetes remission as a result of bariatric surgery.

EDUCATION

B.A. in Computer Science

Bucknell University - Lewisburg, PA
August 2012 to May 2016

Minor in Theatre Design & Technology

Bucknell University - Lewisburg, PA
August 2012 to May 2016

SKILLS

iOS Development (6 years), iOS (6 years), Swift (2 years), Objective-C (6 years), UIKit (6 years), Interface Builder (6 years), Auto Layout (3 years), HealthKit (2 years)

LINKS

<http://github.com/joeduvall4>

<http://joe.duvall.me>

<http://linkedin.com/in/josephduvall>