

ALLIE BURTON

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EDUCATION

Princeton University | 2017 (expected)

BSE Computer Science | Minor in Statistics and Machine Learning

Relevant Coursework (including Fall 2015):

- Algorithms & Data Structures
- Introduction to Programming Systems
- Advanced Programming Techniques
- Artificial Intelligence
- Operating Systems

ACTIVITIES

Princeton Undergraduate Computer Science Council

Princeton Women in Computer Science (Tech Chair)

Princeton Faith & Action

LANGUAGES & TOOLS

Languages: Java, Python, C, Objective-C, HTML/CSS, JavaScript, C++

Tools: Git, IntelliJ IDEA, Eclipse, Xcode, Photoshop, Illustrator

EXPERIENCE

Undergraduate CS Lab TA | Princeton University | September 2015

Assist undergraduate students with debugging assignments for COS 126 (General Computer Science), COS 217 (Introduction to Programming Systems), & COS 226 (Algorithms & Data Structures)

Lead Instructor | iD Tech | June 2015 - August 2015

Taught iD Programming Labs 101, which includes Java, C++, Python, HTML, and JavaScript, to students aged 13 - 18

Facebook U Intern | Facebook | June 2014 - August 2014

Two weeks of iOS training followed by six weeks working in a team of three to create the iOS app Memory Lane

Computer Science Summer Institute | Google | June 2013 - July 2013

Three-week program at Google introducing basic programming skills using Python, HTML, & Google App Engine. Created the web app EyeFeed (<http://eye-feed.appspot.com>)

PROJECTS

BaseNote | March 2015 - May 2015

Android app utilizing the Spotify and Google Maps API to connect the user's listening experience to their geographical location.

Technologies used: Android, Java, Spotify API, Google Maps API, Parse, IntelliJ IDEA/Android Studio (allieluu.github.io/BaseNote)

Memory Lane | June 2015 - October 2015

Streamlined, cloud-connected iOS journaling app. Available in the App Store.

Technologies used: iOS 7, Objective-C, Parse, Xcode