

Cooper Baird

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EDUCATION

Washington and Lee University, Lexington, VA

May 2019

Bachelor of Science in Computer Science

- **GPA:** 3.63
- **Pertinent Courses Taken:** Algorithms, Android App Development, Computer Organization, Data Structures, Databases, Distributed Systems, Intro to Programming, Operating Systems, Programming Language Design, Software Development

EXPERIENCE

AT&T, Dallas, TX

June-August 2018

Software Engineering Intern

- Implemented bug fixes and unit tests for an application that stores metadata for hundreds of internal microservices deployed on Kubernetes clusters, allowing for simple communication between microservices
- Assisted clients in resolving their microservices' issues while using the application
- Wrote a comprehensive plan to implement new certificate creation functionality for the application
- Created an Angular dashboard with a Django backend to visualize and analyze customer support chat data

Ancient Graffiti Project, Lexington, VA and Washington, D.C.

June-August 2017

Java Web Developer

- Developed for a website and search engine dedicated to preserving, studying, and locating ancient graffiti
- Worked on a team with two other developers for a group of classicists
- Improved search accuracy and efficiency with the Elasticsearch Java API using a custom index-time analyzer
- Created a 'sort-by' feature for searches and an onscreen Greek keyboard
- Spent the final week working in Washington, D.C. at the Harvard Center for Hellenic Studies

RECENT INDEPENDENT PROJECTS

cooperbaird.com: Personal website developed from scratch using HTML and CSS

Flap Flap Bird: A desktop clone of the popular mobile game Flappy Bird in Java

Pace Calculator: A runner's tool for which I created both an Android app and a Java Swing application for calculating time, pace, and splits for races and workouts

SKILLS

Proficient: Java, Python

Working Knowledge: HTML, CSS, JavaScript, jQuery, Angular, C, Ruby, Haskell, Android Development

Skills: Git, Maven, Jenkins, Kubernetes, JUnit, Eclipse, Android Studio, macOS, Linux, Windows

EXTRACURRICULARS & LEADERSHIP

Washington and Lee University, Lexington, VA

2015-Present

Varsity Cross Country and Track (Fall, Winter, Spring)

- Team captain for cross country and track (2018-2019)
- USTFCCCA All-Academic Honors (minimum 3.3 GPA and top 25% finish at Regionals)
- 2016 and 2017 cross country national qualifier
- All-Region in cross country, the distance medley relay, and the 1500m

Habitat for Humanity

2015-2017

- Assisted with the preparation and construction of small houses

Mock Convention

2016

- Was a Texas delegate for the most accurate student-run mock presidential convention in the country
- Did research for 5 congressional districts, contacting local officials and collecting county-level data