

Joachim Jones

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Education

University of Florida **Bachelor of Science in Computer Science**
Gainesville, FL

December 2016

- 3.92 GPA
- Honors Program, Anderson Scholar (High Distinction)

Experience

Northrop Grumman Corporation

June 2016 – August 2016

Software Intern

- Added features to existing GUIs using Java Swing
 - Refactored table classes to increase maintainability and allow tables to be resized
 - Added ability to send/receive new message types
- Developed tool using Java Swing to monitor incoming DIS data packets of location characteristics
- Worked in C++ on battle management software
 - Added features to the GUI and optimized the DIS Plugin to increase performance

Northrop Grumman Corporation

June 2015 – August 2015

Software Intern

- Worked on a data reduction tool in Ada, using existing C code as reference
- Made modifications to existing GUIs using Java and the Swing toolkit

CISE Academic Tutoring Center

January 2015 – Present

Peer Tutor

- Work 10-15 hours a week in the CISE Academic Tutoring Center
- Tutor struggling students in computer science concepts for the introductory programming classes

Projects

Android Application – Football Coach series (Solo)

- Developed football sim app, complete with roster management, multiple seasons, stat-tracking, etc.
- Released College Football Coach for free in March 2016, currently has 25,000+ downloads
- Released Pro Football Coach for \$0.99 in May 2016, currently has 3,000+ downloads
 - Has online features, including asynchronous multiplayer
- Each has over a 4.5 average star rating and a subreddit of over 700 members

Android Application – Social Companion App for Pokemon Go (Team)

- Developed a social companion app for Pokemon Go with roommate
- Users could post where they found certain Pokemon, and like/comment on these posts
- Used PHP to interact with a MySQL database, and Volley framework to handle network requests
- Remained unpublished due to copyright issues

Web Application – Podcast Manager (Team)

- Designed and implemented a web app that allowed users to manage podcasts, interact with other users
 - Used the Mean.js stack with MongoDB, AngularJS, and Node.js

Skills

• Programming Languages:

- Java (fluent), C++ (fluent), Python (prior exp), Ada (prior exp), Javascript (prior exp)
- **General skills:** Data structures, algorithms, object-oriented programming