

EDUCATION *Bachelor of Science, Computer Science*
Florida State University, Tallahassee, FL December 2014

SKILLS

- C
- C++
- Java
- Python
- JavaScript
- HTML
- CSS
- XML
- Familiar with C#, SQL, Lua, PHP

PROJECTS ***All Dogs Go To Heaven***
Working title. In-development online action RPG, forked from rAthena and roBrowser.

- Technology Used: C, MySQL, JavaScript, HTML5, AWS EC2
- Developed a solid understanding of two large existing codebases and their interactions
- Revamped gameplay and added features and content to both the client and server

QuickRPG
Twitter bot that upon request generates and simulates the life of an RPG character.

- Technology Used: Python, Tweepy, AWS EC2
- Independently designed and implemented an entire game system
- Used a filtered Twitter stream to listen for requests and automatically generate a simulation log for users

Stacks
Android application that allows the user to create virtual "stacks" of flashcards that they can use to either review or quiz themselves with. Team project.

- Technology Used: Java, XML, SQLite
- Rapidly prototyped and implemented vital features, including voice-recognition, database integration, different ways of sorting flashcards

TacTile
Android application that allows the user to create a mosaic-like picture using their Facebook friend's profile pictures. Team project.

- Technology Used: Java, XML
- Used the Facebook API to acquire pictures from user's friends list, and to allow the user to post completed mosaic to their Facebook feed
- Implemented Facebook integration, picture storage, dynamic tile palette

Reminder Reminder
Android application that allows the user to send a delayed notification to themselves.

- Technology Used: Java, XML
- Independently designed, developed, and completed project on a tight schedule