

DAVID LIVELY

SOFTWARE ENGINEER

✉ Lively@iamrobots.com ☎ 503-580-2650 📍 Portland, Oregon in david-lively 🌐 iamrobots

EDUCATION

Portland State University

B.S. Computer Science

Sep. 2014 - Sep. 2018

SKILLS

LANGUAGES: C, C++, Java, Swift, Go, SQL

TOOLS: Git, Vim, Visual Studio Code, Xcode, Android Studio, SQLite, Trello, Slack

PLATFORMS: Linux, iOS, Android

COURSEWORK: Algorithms, Data Structures, Operating Systems, Databases, Software Engineering, Computer Security, Malware Analysis, Network Protocols

PROJECTS

Synchrolean

Cross platform (iOS, Android, and Web) task management application for teams.

- Led the mobile development team to develop the iOS and Android app using Nativescript Angular.
- Implemented local persistence using SQLite.
- Worked on the task synchronization on the client device so that server and client would be in-sync.

Connect Four

Software engineering project. Connect Four game for Android that supports multiple board sizes, multiple rounds, two player mode, single player versus computer mode, and online play.

- Was the first team lead and set up our development infrastructure and initial sprint assignments.
- Created a custom game board that was capable of supporting multiple board sizes.
- Worked on the AI for single player mode using min-max with alpha-beta pruning.

EMPLOYMENT

U.S. Army Reserve

Human Resource Specialist

Nov. 2011 - Nov. 2017

Clackamas Oregon

- Deployed to Afghanistan and successfully provided postal services for over 3,000 US and Polish Soldiers.
- Trained soldiers how to setup and run military post offices.
- Provided human resources support for awards, promotions, travel, pay and other administrative work.
- Participated in joint exercise Anakonda in Warsaw Poland by generating reports and tracking soldiers entering and leaving the theater of operations.

AWARDS

Army Achievement Medal, Army Commendation Medal

United States Army