Katherine Bruton

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EDUCATION

The University of Texas at Austin, Austin, TX   Expected May 2018
Bachelor of Science in Computer Science   **GPA: 3.5**

EXPERIENCE

Facebook - Seattle, WA   May 2016-Aug 2016
Software Engineer Intern
- Created new user features for the game page on Facebook Games Arcade
- Implemented a live chat that allows gamers to communicate while using Arcade
- Added visual indicators to enhance the loading and updating experiences of the application
- Technologies used: C#, React, PHP, HTML, CSS, Mercurial

Facebook - Menlo Park, CA   June 2015-Aug 2015
Facebook University Intern
- Worked on a team of 3 to engineer an original Android application
- Focused on storing and fetching user data using Parse
- Designed the user interface and socially integrated the app with Facebook
- Technologies used: Java, XML, Git

The University of Texas at Austin – Austin, TX   Aug 2015 – May 2016
Teaching Assistant
- Taught a weekly hour-long section to 25+ students in Introduction to Programming (Fall 2015) and Data Structures courses (Spring 2016)
- Assisted students in office hours held twice a week
- Graded programming assignments, quizzes and tests

Computational Intelligence in Game Design – Austin, TX   Jan 2015-May 2015
Freshman Researcher
- Worked in a research lab focused on artificial intelligence, machine learning and their applications
- Implemented a genetic algorithm/neural network so that the computer could evolve and learn how to play a basic video game

SKILLS

- Proficient in Java, CSS, HTML
- Experience with C, Python, C++, JavaScript and C#
- Familiar with Android development, learning iOS development

PROJECTS

Remind Me – *Personal Project*
- Coded an Android application for Hack Rice 2016. App serves as a to-do list that reminds users of nearby tasks when they are at a specified location.

Pintos – *Class Project*
- Worked with two classmates over the span of a semester to expand a toy OS**.** Added thread priority scheduling, virtual memory, and system calls for user programs

COMMUNITY INVOLVEMENT

- Women in Computer Science Nell Dale Mentor   Aug 2014-present
- Women in Natural Sciences Mentor   Aug 2014-May 2015
- Texas Ballroom   Aug 2016 - present