Andrew Tran

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Education

Iowa State University — Ames, Iowa
Bachelor of Science in Software Engineering — Expected Graduation: May 2020
GPA 3.86/4.00

Work Experience

Software Intern — May 2019 - August 2019
Cerner Corporation — Kansas City, Missouri
- Implement and unit test a REST web service to meet acceptance criteria and act with other modules.
- Collaborate in team meetings and discussions following behavior-driven development.
- Achieve consistent code and documentation while improving through feedback and code reviews.

IT Student — November 2018 - Present
Iowa State University — Ames, Iowa
- Design and develop a touch interface solution for the Electrical/Computer Engineering building's kiosks.
- Manage lab monitor documents, efficiently communicate information, and train new lab monitors.
- Identify hardware and software issues, assist in diagnosing, and testing the solution.

Projects

SECRET | Hackathon – HackISU X | C, Python, Raspberry Pi, and Arduino Uno
- Simple platform designed to hide a message between multiple flash drives.
- Created for carrying messages in and out of oppressive rule quickly and discreetly.

Drinker's Choice | CS 309 – Software Development Practices | Android Studio, Spring, and MySQL WB
- Android application that allows users to connect, share, and find new drinks.
- Designed new features and services for client use and managed project database.

281++| CS 319 – Software Construction and User Interfaces | Firebase, JavaScript, HTML, and CSS
- Web application to design, test, and save digital logic diagram projects for personal or educational use.
- Assignments can be created and shared for students to complete and submit for grading.

Leadership Experience

Multimedia Chair – Team Size: 8 — Fall 2017 - Present
Vietnamese Student Association — Ames, Iowa
- Collaborate with other executive board members to plan club related projects, general board meetings, fundraisers, and further develop our growing club.
- Member of the Multimedia Committee for a regional conference with content deadlines.

Youth Group Leader – Team Size: 20 — August 2015 - Present
Thiếu Nhi Thánh Thể (TNTT, Vietnamese Eucharistic Youth Movement) — Des Moines, Iowa
- Comply with organization and church rules to meet and maintain expectations.

Skills

Languages:
Proficient: Java
Familiar: C, JavaScript, HTML, CSS, SQL

Tools/Technologies:
Android, Eclipse, Git, IntelliJ, Intuiface, JUnit, Maven, REST, Spring, UML

Honors and Awards

HackISU X: 1st Place Hardware and Most Ethical Hack
Dean's List: Spring/Fall 2017, Spring/Fall 2018, Spring 2019
George Washington Carver Scholar
Selected as 1 of 100 scholars with qualifying criteria for an 8-semester full-tuition scholarship awarded to incoming multicultural first year students.
The President's Volunteer Service Award
Award designated based on volunteering 100-174 cumulative hours over a 12-month period.