Joseph Bae

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EDUCATION

The University of Texas at Austin	**Bachelor of Science, Computer Engineering**	**December 2018**
	Primary Core: Software Engineering and Design	
	Business Foundations Certificate	

Related Courses: Algorithms, Software Design and Implementation I & II, Probability and Random Processes, Software Engineering and Design Lab, Operating Systems, Introduction to Engineering Design

EXPERIENCE

UT Information Technology Services - *Point Person*   May - Present
- Assist in daily activities while troubleshooting with various customers

Identity Threat Assessment Project - *Undergraduate Student Researcher,* Austin, Texas   Summer 2017
- Modelled different reports of identity theft into scenarios to categorize and graph data

ServiceNow UT ITS – *Senior Student Associate,* Austin, Texas   Summer 2017
- Managed existing web content by migrating content into UT's custom ServiceNow implementation
- Communicated regularly with various customers in order to troubleshoot and fulfill their individual requests

PROJECTS

Group Chat Client   Spring 2017
- Created and debugged a Java-based group chat client with sound effects and network programming with a partner

Dynamic Programming Lab   Spring 2017
- Implemented a 0-1 Knapsack algorithm to dynamically solve the most cost efficient way to spend a vacation between two islands

Movie Ticketing Client   Spring 2017
- Used multithreading to create a movie ticketing client that handles deadlocks

Critters Lab   Spring 2017
- Implemented JavaFX to animate "critters" from to simulate fighting, reproducing, and movement.

Mastermind Game   Spring 2017
- Created an object oriented text based game where a player would have to guess the correct color combination

SKILLS

- Languages: Java (experienced), C (familiar), C++ (familiar), HTML (familiar),
- Familiar with LabView, MATLAB, Visual Studio, ARM Cortex-M assembly language, LaTeX, Eclipse
- Certified in Adobe Photoshop CS 7 and in Microsoft Office Word 2007
- Experienced with lab equipment such as oscilloscopes, waveform generators, soldering irons

LEADERSHIP EXPERIENCE AND ACTIVITIES

Theta Tau Professional Engineering Fraternity - *Webmaster, Social Media Chair*   Fall 2017
- Updated the organization's website regularly for events on recruitment and newly initiated members
- Collaborated with the president to develop and enhance a professional online presence in social media

Camp Texas – *Counselor*   Spring 2016, Spring 2017
- Introduced incoming freshmen to UT culture by leading them through relationship building activities
- Provided guidance and mentorship to the freshmen as they experienced their first semester of college

ADDITIONAL INFORMATION

Interests: Piano, soccer, working out and video games
Work Eligibility: Eligible to work in the U.S. with no restrictions