

**Local Address**

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**Joseph Bae****Permanent Address**

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**Education****The University of Texas at Austin****Bachelor of Science, Computer Engineering,**

Primary Core: Software Engineering and Design  
Business Foundations Certificate

**May 2018**

Related Courses: Differential and Integral Calculus, Series and Sequences Calculus, Differential Equations with Linear Algebra, Matrices and Matrix Equations, Circuit Theory, Discrete Mathematics, Linear Systems and Signals, Software Design and Implementation, Data Analysis for the Health Sciences, Digital Logic Design,

**Work Experience****ServiceNow UT ITS (Austin, Texas) – Senior Student Associate****Summer 2016**

- Created website assets and managed/cleaned up existing web content
- Assisted with knowledge management for existing ITS help articles and migrated content into UT's ServiceNow implementation
- Assist in day to day operations and project related tasks such as creation and validation of process workflows, data reconciliation and imports, knowledgebase article creation, training documentation, and creation of reports

**Academic Projects**

- Linked and coded a real time position monitor that used ADC, interrupts, and an LCD screen
- Implemented a bug population simulation in C with an algorithm that constantly updated with the best possible chance of survival for a bug and the bug's offsprings

**Skills**

- Proficient with C, C++, Visual Studio, HTML, ARM Cortex-M assembly language, LaTeX
- Familiar with LabView, MATLAB, Java, JavaScript
- 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****Institute of Electrical and Electronic Engineers (IEEE) – Member****Fall 2015 - Present**

- Active attendant in organization meetings to discuss the current situation of the electrical engineering world and to participate in active conversation with companies

**Camp Texas – Counselor****Spring 2016**

- Selected to be a counselor at Camp Texas, an introductory camp for incoming freshman to ease anxieties and adjust to life at UT

**Volunteer Work****Alpha Phi Omega – Member****Spring 2016 - Present**

- Service fraternity with to a minimum of 35 service hours in the semester in order to better the community, the fraternity, the campus, and the nation.

**Saint Baldrick's Foundation – Shavee Donator****Spring 2015 – Present**

- Fundraised and shaved head for pediatric cancer awareness and to promote social acceptance of going through the process of chemotherapy