Derek Truong
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EDUCATION

The University of Texas at Austin, Austin, TX   Dec 2016
  Bachelor of Science in Computer Science
  GPA: **3.47**

EXPERIENCE

SailPoint Technologies, Austin, TX   May 2016 – Aug 2016
Implementation Engineer Intern
- Developed C# multi-threaded application simulating AD and File Sys user activity through CSV input
- Programmed Java app to connect JIRA's REST API with IdentityIQ to enable user aggregation and provisioning
- Created customer facing Services webpage in Jive using HTML/CSS in widgets

ICON Information Consultants at HP, Houston, TX   Dec 2015 – Jan 2016
Software/Test Engineer Intern
- Expanded existing C# libraries to assist in converting XML files and using Microsoft Message Queueing
- Setup virtual and physical servers to test patches and server updates
- Built and tested various testing machines to examine software performance on specific hardware

PROJECTS

SWEetSpots:
- Python backed website to display database of cities' attractions, restaurants, and description
- Tools: Flask, React, Docker, and accessing web API's such as Yelp API and Google API

JIRA Connector:
- Java program written to extract both user and group data from JIRA Rest API
- Utilized HTTP Basic Authentication to connect to JIRA and pull user data in JSON and convert to JSONObject
- Created an iterator for the JSONObjects to integrate with identity services and provision user and group data

ARL Request System:
- A requesting tool built with Oracle's Application Express
- Used SQL database and triggers to allow for employees to login, request roles, approvals, and fill out forms
- Selected to be presented and demoed to Applied Research Laboratories

WakeMeUp:
- Wake up call application that uses user accounts to enter and track wakeup calls
- Currently using a SQLite database assisted with Flask SQLAlchemy to store user information
- Backend routing and code will be done using Python/Flask and call system currently used is Twilio

Miscellaneous

- **Programming Languages:** Java, Python, C, C#, C++, Verilog, HTML, CSS, MatLab, SQL
- **Languages:** Mandarin, Vietnamese, Teo Chew(Dialect of Chinese)
- **Tutoring:** experience in tutoring mathematics and beginner level Java, mainly geared towards high school students
- **Community Involvement:** American Red Cross, Member, Mobile App Development, Electronic Game Developers Society, Austin Pets Alive