KEITH TACHIBANA

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Portfolio: http://www.keith-tachibana.com/
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Education

LEARNING FUZE   Irvine, CA
Full-Stack Web Development   Jan. 2020 Cohort
- 8-12 hours a day of full-time coding, learning the full-stack of web development including HTML5, CSS3, jQuery, Bootstrap4, Node.js, React.js, PostgreSQL, JavaScript ES6, Ajax, JSON, XML, and responsive web design

UNIVERSITY OF CALIFORNIA, IRVINE   Irvine, CA
Master of Computer Science   Class of 2019
- Strong foundation in software engineering and programming principles across multiple platforms with experience working in team environments using the Agile framework to track progress and meet deadlines
- Good understanding of data structures and algorithms, networking theory and design, machine learning, IoT programming with Arduino, relational database management, cryptography concepts, and computer architecture

NEW YORK UNIVERSITY   New York, NY
B.A. in Economics & Spanish   Class of 2005
- A member of the pre-health medical program and a fellow of the American Medical Student Association
- Leadership Development Track award conferred after successful completion of program which consisted of various volunteer opportunities around New York City

Technical Skills

Web Development:	HTML, CSS, JavaScript, Express.js, React.js, Node.js, JSON, XML
Python:	Python 3, Jupyter Notebook, Anaconda, Sklearn, Keras
Mobile:	Android Studio
Database/Deploy:	MongoDB, MySQL/MariaDB, Heroku
Other:	C++, C, Linux (Bash scripting), Cisco IOS

Work Experience

JETSUITE, INC.   Irvine, CA
IT Department   Apr. 2017 – Feb. 2019
- Principal help desk technician handling the majority of ticket requests from on-site personnel, terminal workers, and pilots
- Created a Windows script to facilitate the transmission of SMS alerts to passengers via SMTP for our Operations department
- Saved the Operations dept. on average 5 hours a week due to the Windows script by eliminating tedious manual processes
- One of the Domain Admins in charge of Active Directory, Google Suite, FreePBX/QueueMetrics, AirWatch (MDM), and SSO
- Directly managed servers running Windows Server 2012 R2, Ubuntu Server 16.04 LTS, VMware ESXi 6.7, and FreeNAS 11.2
- Managed all network appliances including Cisco SG300 PoE switches, Cisco Integrated Services routers, and Cisco Meraki AP's
- Documented all major responsibilities via internal Knowledge Base, along with comprehensive Network Topology map

29' PRIME   Irvine, CA
IT Department   Mar. 2013 – Jun. 2014
- Solved all IT-related issues on the main sales floor of an internet marketing company of over 200 people
- Replaced, maintained, and fixed workstations for all sales agents, managers, customer service, and executives
- Actively updated PBX phone servers which handled all incoming and outgoing SIP traffic
- Worked in both Windows and Linux server environments to handle all workstation and server issues

Projects

STAR WARS MEMORY MATCH GAME   Jan. 2020
Web Developer   JavaScript, HTML, CSS
- Using vanilla JavaScript, created a Star Wars-themed web application card game where the player has to match 9 pairs of cards with real-time stats and dynamic card creation and shuffling

EZ-FIT   Fall 2019
Software Engineer   MongoDB, Express.js, React.js, Node.js
- Created a web application using the FitBit API to allow users to sync their fitness data, track their injuries, and view custom workout suggestions that we generated using k-means clustering and decision trees

INCOME PREDICTION   Spring 2019
Software Engineer   Python, Sklearn, Keras
- Worked with a team where we employed multiple machine learning techniques such as k-nearest neighbors, decision trees, random forests, gradient boosting, and neural networks on a dataset of 48,842 instances and 14 features
- Analyzed any redundant features and created a document detailing the process of generating a model in order to select features, which improved the baseline accuracy from 76% to 87.2% in predicting if a person's income is greater than $50k

RECORD-BASED DATABASE   Fall 2018
Software Engineer   C++, SQL
- Created a relational database with a record-oriented file system implementing SQL commands with one other person
- Added support for SQL queries for selection and projection, indexing, and multiple implementations of table joins such as block nested-loop, index nested-loop, and Grace hash join

Awards/Skills
- Boy Scouts of America Eagle Scout (2001)
- Proficient in all aspects of Spanish (Castellano/Castilian) including reading, writing, conversing, and listening
- COMPTIA A+ certified (exam numbers 220-1001 and 220-1002): http://verify.CompTIA.org with code QWCR3D93RGQ4QVS0