Jonathan Tedjo

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Education

BACHELOR OF SCIENCE | JUNE 2019 | UNIVERSITY OF CALIFORNIA, IRVINE
- Major: Computer Science, Cumulative GPA: 3.629, major GPA: 3.78

BACHELOR OF SCIENCE | JUNE 2013 | UNIVERSITY OF CALIFORNIA, RIVERSIDE
- Major: Entomology (Cum Laude)

Relevant Coursework

- Programming in Java, Programming in C++, Data Structure and Algorithm, Machine Learning/ Data Mining, Next Generation Search, Introduction to Data Management, Information Retrieval, Concepts of Programming Language, Software Testing and Quality Assurance, Software Design, Project in OS, Principles in System Design, Computer Networks, Design and Analysis of Algorithm

Projects

Fitness Health Tracker   **Spring 2016**
A multi user capable Java application used to determine and keep track of various health statistics. The program functionality includes: caloric consumption calculations, personalized diet recommendation (carbs/fat/protein percentage based on personal attributes) and logging. **2nd Place- MiraCosta Programming Challenge.**

Process and Resource Simulator   **Winter 2019**
C++ based program that takes text file inputs to simulate how operating system handles process and resource requests. This includes process prioritization, creation, deletion, and blocking.

Experience

RESEARCH INTERN | CAL STATE SAN MARCOS, SETHURAMAN LAB | AUGUST 2018– SEPTEMBER 2018
- Evaluated the source code of the genomics tools wrappers for the Popgen Pipeline Platform (PPP) project. PPP is NSF funded project to mainstream and ease access to various critical population genomic tools.
- Built the PPP's Galaxy Project front end in XML and Cheetah codes in Linux environment which increased access of the software for the Bioinformatics community.

TECH ASSISTANT | DIGITAL MEDIA ACADEMY | JULY 2018– AUGUST 2018
- Resolved various technical challenges associated with running tech camp including: networking issues, software installations, and device troubleshooting.
- Supported the various technology courses as needed. Debugging codes, provide clarification on programming concepts and paradigm, promote good design as well fixing software issues.
- Maintained and managed 60+ different machines used for the Tech Summer Camp that involved 300+ students.

INSECT DETECTION SPECIALIST | SAN DIEGO COUNTY | FEB. 2015 – SEPTEMBER 2017
- Exemplified an outstanding and professional image as the liaison of the County of San Diego
- Managed an accurate and detailed log of trap activities and survey sites.
- Coached fellow employees in the various technology the County uses including Accela, Kronos, peopleSoft, Excel, and ArcGIS.

Honors and Awards

Dean's Honors List, Fall 2017, Spring 2018, Fall 2018, Winter 2019
Academic Excellence Award- UCR Dept. of Entomology, academic year 2012-2013 Awarded to one student per year for outstanding research and/or academic achievements.
UCDC Summer Public Service Fellowship, Summer 2012
UCR Honors Program, Lower Division, 2009-2011
UCR Honors Fellowship, **Spring 2012 and Summer 2012**

Skills

- **Skills**: Java, C/C++, MySQL, Git, GitHub, Data Structures, Linux/ Bash.