Ryan Jeremy Bautista

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Education	**Computer Science, Bachelor of Science (B.S.)** University of California, Santa Cruz Expected date of graduation: June 2019 Cumulative GPA: 3.75 / 4.0 Dean's Honors List

Related Coursework:

Algorithms & Abstract Data Types	Computational Models
Applied Discrete Mathematics	Database Systems
Assembly Language	Intro to Data Structures
Computer Architecture	Probability & Statistics for Engineers

Programming Skills

Proficiencies: Python, Java, SQL
Familiar: HTML & CSS, Javascript, C
Tools: Flask, Requests Library, Bootstrap, JIRA
Systems: macOS 10.13, OS X 10.8.5 - 10.11, Unix/Linux, Windows 7, iOS

Projects

Simple Newsfeed
- Designed a newsfeed program that returns up to 10 of today's top articles from 70 different news sources and blogs
- Utilizes dynamic requests to NewsAPI to query information from user input and display the relevant titles and associated news links

Course Enrollment Twitter Bot
- Created a bot for Twitter using Tweepy API that posts updated tweets regarding UCSC class enrollment and availability of seats
- Uses Beautiful Soup 4 to scrap enrollment-related data from official UCSC Schedule of Classes webpage

Matrix Calculator
- Implemented a matrix calculator ADT for performing fast matrix operations on sparse matrices represented by List array objects
- Optimized the matrix operations to run efficiently on worst case run time for sparse matrices of any size

Work Experience

Consultant (Quality Assurance)   June 2016 - Sep 2016
SageLegion Inc., San Francisco, CA
- Collaborated with founder, front-end and full-stack developers, and Senior Technical Consultant to create process documentation for website interface
- Identified over 100 errors, created bug reports, and provided reproducible steps and issue-specific data to support the developers

Leadership & Activities

Corporate Relations Officer   May 2016 – June 2017
Society of Asian Scientists & Engineers, UCSC
- Collaborated closely with the officer team to organize over 10 club events, at least 10 general body meetings (per quarter), and over 10 fundraisers

Mentor for Kuya-Ate Mentorship Program   Sept 2016 - Present
Filipino Student Association, UCSC
- Offered one-on-one mentoring and major-related course advice for 3 peers.