Jason Songvilay

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EDUCATION

Bachelor of Science in Computer Science   Anticipated Graduation: May 2021
San Diego State University, San Diego, CA   Overall GPA: 3.29

EXPERIENCE

Cashiers Student Assistant   August 2018 – Present
San Diego State University, World Campus   **San Diego, CA**
- Process and review payments using CASHNet, Elavon Converge, SIMS, and Jenzabar software
- Balance daily monetary transactions by cash, credit card, check, and wire transfer through mail and fax
- Advise payment, invoice, and university policies and procedures to students registering for courses

Webmaster   April 2018 – May 2019
San Diego State University, Asian Pacific Student Alliance   **San Diego, CA**
- Developed website and content daily using HTML, CSS, and JavaScript for mobile and desktop devices
- Monitored analytical data from social media platforms and website to determine outreach effectiveness
- Created promotional material for Facebook, Instagram, Twitter, and Snapchat for large scale events

PROJECTS

Dictionary ADT   April 2020 – May 2020
Java   **San Diego State University**
- Constructed using Hashtable, binary search tree, and red-black tree data structures
- Initialized to accept generic objects and dynamically increase structure size
- Conducted empirical timing tests to ensure efficient runtime complexity of methods

Priority Queues   January 2020 – March 2020
Java   **San Diego State University**
- Implemented with array, linked list, and binary min-heap data structures
- Initialized to accept generic objects and modify structure to maintain FIFO order
- Created and transferred program files to external server using UNIX commands

Campus App   December 2019 – January 2020
SwiftUI   **San Diego, CA**
- Developed iOS application to display pinpoint map of common SDSU locations
- Simulated and tested application within XCode IDE and on Apple devices
- Designed to automatically respond and scale to various device screen sizes

SKILLS & CERTIFICATIONS

- Amazon Web Services Cloud Practitioner Certification (in progress)
- Proficiency in Java, JavaScript, Python, C, HTML, and SwiftUI languages
- Extensive time in VSCode, Eclipse, VIM, XCode, GitHub, and Terminal

AWARDS & LEADERSHIP

- College of Sciences Dean's List (Spring 2020)
- Asian Pacific Student Alliance Executive Board Member of the Year (2018-2019)
- Diligent, adaptive, and professional towards teams and tasks