**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