

JOEL AGUIAR

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EDUCATION

Master of Science in Computer Science with Specialization in Software Engineering | Seattle University

Accepted - enrollment beginning Fall 2018.

Graduate Certificate in Computer Science Fundamentals | Seattle University

06/2017 – 06/2018 (Expected completion)

Courses completed: Object-Oriented Concepts, Database Systems, Data Structures & Algorithms, Computing Systems Principles I

Bachelor of Arts, English Literature | University of California, Berkeley

08/2005 – 05/2008

AWARDS

1st Place Winner and Team Lead, 2018 Student Information Technology Architecture Competition.

Awarded first place among 30 teams in a competition organized by IASA(www.iitarch.org). Designed an IT solution for a non-profit that provides financial resources to low-income students. The solution included gathering business requirements and providing the conceptual architecture, information architecture, software architecture, interface architecture, security architecture, infrastructure architecture, technology stack, and execution plan. Complete design can be found at www.joelaguilar.com/projects.html

RELEVANT PROJECTS

**More information about these projects can be found in my website: www.joelaguilar.com/projects.html*

Scheduling Algorithms - Algorithms and Data Structures

Implemented three different scheduling algorithms including round robin, shortest job first, and shortest remaining time first. I used arrays, binary heaps, and linked lists data structures in the solution.

Personal Website - Front-End Web Development

Designed and coded a website using HTML and CSS. Included a “contact me” form that uses PHP to send the message through email.

Property Map Web Page- Front-End Web Development

Built an interactive map using HTML, CSS, JavaScript, and Google Maps API for a building management company. The map highlights apartments and properties and provides relevant information to prospective renters.

WORK EXPERIENCE

Non-Profit Management- Street Level Health Project; La Raza Centro Legal- Bay Area, CA

02/2008 – 01/2016

In the roles of Program Director, Director of Development and Communications, and Interim Executive Director, oversaw and contributed to each organization’s strategic goals. Worked as a team with non-profit, city, community, and foundation partners to diversify programming and provide additional resources to the populations served.

SKILLS

- Programming Skills: Java, C++, Python, HTML, CSS, MySQL, IT Architecture
- Other Skills: Project Management, Bilingual (Spanish/English), Strong written communication skills