

Karanbir Bains

(408) 315-1945 | www.linkedin.com/in/karanbirbains/ | k1bains@ucsd.edu | U.S Citizen

Education

University of California, San Diego Class of 2018

B.S Cognitive Science w/ Influence in HCI and minor in Computer Science

San Jose State University - Current

M.S. Software Engineering

Skills

SAP	Basic Familiar with ABAP as well as basics of SAP including creating and altering tables, using primary and foreign keys, retrieving and altering data using SQL.
C & C++	Basic-Intermediate Comfortable using the STL C++ libraries and the basics of GDB in the C languages. Also comfortable with collaborating with others using version control with Git.
Java	Basic-Intermediate Experience with using Java and OOP principles with both the Eclipse IDE and the Vim text editor.
Web	Intermediate-Advanced Experience working with HTML, CSS, Bootstrap, JavaScript, Firebase, React, AWS, Python and Heroku.
Relevant Coursework	Software Tools & Techniques, Discrete Mathematics, Algorithms & System Analysis, Computer Organization & System Programming, Advanced Data Structures, Design and Analysis of Algorithms, Design Techniques for Digital Systems.

Projects

Biodiesel Processor	Programmed the Arduino for the Automated Processor. The Processor takes in waste vegetable oil and turns it into biodiesel.
Web Portfolio	https://karanbir-bains.herokuapp.com/ This is my online portfolio, it includes some of the projects that I have done using my web development skills.

Work Experience

Infosys Limited Sept 2018 - Current	Associate Consultant As an Associate I work on a variety of clients with different needs and requirements. My current client is Apple.
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Certifications

Amazon Web Services	AWS Associate Certified Solutions Architect Certification validates ability to effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies.
University of California, San Diego	Coding Boot Camp Completed Full Stack Boot Camp based on the MERN Stack.