

Richard Heriawan

☎ +1(669)-467-3067 | @ richardchristandi@icloud.com | 🔗 LinkedIn | 🐙 GitHub | 🌐 Website | 📍 San Diego, CA, USA

EDUCATION

Saint Aloysius 2 High School

High School Diploma;

Shoreline Community College

Associate in Arts and Science;

University of California San Diego

B.S. in Computer Science;

Bandung, West Java, Indonesia

Jun 2016 – Jun 2019

Seattle, Washington, USA

Sep 2019 – Jun 2021

San Diego, California, USA

Sep 2021 – Jun 2023 (Expected)

WORK EXPERIENCE

CV. Aquatic

Web Design and Development Intern

Bandung, West Java, Indonesia

Jan 2021 – Apr 2021

- As an avid learner and a skilled communicator, I bring a contagious enthusiasm to every project. My openness to new ideas and willingness to embrace new challenges makes me a valuable asset to any team.
- In a fast-paced work environment, I excel at analyzing and prioritizing multiple responsibilities to ensure that all tasks are completed efficiently and effectively. My organizational skills and ability to stay focused under pressure allow me to meet even the tightest deadlines.

CERTIFICATES & ACTIVITIES

Indonesian Student Club (ISC): as a part of social media team, I involved in creating, curating, and managing content for social media platforms, such as Facebook, Twitter, Instagram, and LinkedIn.

Co-Curricular Record (CCR): granted to students who participates in extracurricular activities outside the classroom, such as clubs and other related activities.

PROJECTS

CSE 110 Group Project | [GitHub](#)

- Led a group project for Software Engineering course (CSE 110) in the Fall 2022-2023
- The aforementioned projects implement the fundamental principles of CRUD, which enable end-users to seamlessly execute a comprehensive range of operations, including but not limited to creating, reading, updating, and deleting data.

CSE 120 Individual Project

- An individual project for Operating System course (CSE 120) in the Winter 2023
- I undertook a challenging project to develop a fundamental operating system using C programming language. Throughout the project, I gained hands-on experience in designing and implementing kernel structures, managing concurrency, optimizing memory usage with virtual memory, implementing efficient file systems, scheduling processes, and ensuring security and protection. This endeavor not only honed my technical skills but also fueled my enthusiasm for solving complex problems in the field of computer science.

COGS 108 Group Project

- A group project for Data Science course (COGS 108) in the Winter 2023
- I worked in a team that involves

SKILLS

Programming: C, C++, Java, Python, MATLAB, R, MySQL, HTML, CSS, Pascal

Technologies: Git, Arduino, ROS, Simulink, LTspice, Xilinx ISE

Languages: Indonesia (Native), English (Professional), Chinese (Elementary)

RELEVANT COURSEWORK

Major coursework: Calculus I-III, Matrix Theory, Differential Equations, Statistical Methods, Probability Theory, Discrete Mathematics, Physics-Mechanics, Phys-Electricity and Magnetis, Advanced Data Structures, Theory of Computation, Data Science, Computer Security, Operating System, Hardware, AI, Machine Learning, Deep Learning