Gary J. Simkins

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EDUCATION

University of California, San Diego (UCSD) — December 2022
Bachelor of Science, Computer Science — San Diego, CA
- Cum Laude, GPA: 3.891

RELEVANT EXPERIENCE

BNY Mellon — June 2022 – August 2022
Software Development Intern — New York City, NY
- Worked on the frameworks team using full-stack technologies Angular, Spring, Splunk, and MongoDB at a Fortune 500 company.
- Enhanced frameworks website home page used by teams around the company.
  - Created and updated API endpoints using the Java Spring MVC.
  - Developed new frontend modules using Angular.
- Increased code coverage, updated Splunk queries, and enhanced the frameworks newsletter.
- Practiced Agile methodologies using Jira and Gitlab.
- Worked with team members around the world asynchronously.

UCSD IT Services — February 2022 – May 2022
Software Development Assistant — San Diego, CA
- Upgraded core school websites using Java Spring MVC to be compatible with a new version of Tomcat.
- Practiced the process of analyzing, designing, developing, debugging, and maintaining software applications, services, and integrations.

ACM Projects, https://github.com/gjsimkins/team-piplup-wi22 — January 2022 – April 2022
Backend Engineer — San Diego, CA
- Created a full stack web application using MongoDB, Express, React, Node, and AWS.

Fullerton School District — Summer 2018
Software Development Intern — Fullerton, CA
- Developed a Java application to streamline insurance accounting for 24 district schools.
- Overhauled online technology repair system using FileMaker.

PomoTimer, https://github.com/asherbav/cse110-w21-group9 — January 2021 – March 2021
Developer — Online
- Practiced agile in a team of 8 to develop a Pomodoro Timer web app.
- Used semantic HTML to create a responsive frontend.
- Used local storage to have persistent data.

Laguna Road Elementary — August 2017 – March 2019
Robotics Instructor — Fullerton, CA
- Taught 4th to 6th grade students in an after-school robotics program called Robot Nation.
- Assisted with developing and preparing curriculum to teach students the basics of programming using LEGO Mindstorm robots.

SKILLS

Programming: Java, C++, C

Web Technologies: HTML, CSS, JavaScript, React, Node.js, Angular, Spring

Data Technologies: Splunk, MongoDB

Developer Tools: Jira, Gitlab, Git, Github, macOS, Windows

Relevant Abilities: Data Structures, Design and Analysis of Algorithms, Software Engineering, Machine Learning, Operating Systems, Web Development, Database System Principles

MS Office: Word, Powerpoint, Excel