

DANTE COLOMBO-SADEGHI

<https://github.com/dantesadeghi>

Active Security Clearance

<http://www.dantesadeghi.com/>

EDUCATION

Bachelor of Science (BS) in Computer Science, SAN DIEGO STATE UNIVERSITY (May 2021)

*Graduated Cum Laude with Distinction in Computer Science (GPA: 3.59)

AlgoExpert Certification from AlgoExpert.io - Practice with data structures and algorithms using Python (Sep 2022)

ZeroToMastery Academy The Complete Web Developer Course 2023 (Dec 2022)

RELEVANT EXPERIENCE

SYSTEMS PLANNING AND ANALYSIS, INC. San Diego, CA **Mar 2023 – Present**

Software Engineer, Operations Research and Cyber Analysis (ORCA) Division

- Led end-to-end development of a near-real-time interoperability feature for a Java-based simulation analysis tool, enabling data sharing across multiple simulation engines.
- Designed and implemented a message-driven synchronization system using ActiveMQ Artemis to exchange simulation state between internal and external simulations.
- Developed concurrent processing logic using multithreading to synchronize simulation execution and ensure consistent state across distributed systems.
- Collaborated with an external development team to modernize tooling and improve system compatibility.

OTHER PROFESSIONAL EXPERIENCE

SOUTHWESTERN ADVANTAGE Nashville, TN **2020 – 2021**

Student Manager [2021]

Responsible for prospecting, recruiting, interviewing, and selecting students. Assisted with weekly training of sales force.

- Successfully recruited, trained, managed, and motivated 4 personal student team members for direct sales program

Salesperson [2020 – 2021]

Served as an independent contractor in direct sales of educational products across a large portfolio of age groups.

Established success principles on scheduling, goal setting, emotional intelligence, and personal motivation.

- Prospected and approached 5,000+ families from various socioeconomic backgrounds
- Physically relocated to Macon, NC ('20), Franklin, TX ('21), and Newton, TX ('21)

SAN DIEGO STATE UNIVERSITY San Diego, CA **Spring' 2019**

Teaching Assistant

Served as a single T.A. for a Machine Organization & Assembly Language Programming class of 110+ students.

- Explained low-level programming problems and assisted in developing solutions for up to 30 students per day
- Taught students about understanding and writing code in Motorola 68000 and low-level programming

SOFTWARE PROJECTS

Frame-the-Face App – Developed a responsive React.js Single Page Application using JavaScript, CSS, and HTML.

- Integrated Clarifai API for Machine Learning Face Detection models to detect faces in pictures provided via URL.
- Designed RESTful backend server using Node.js and Express.js to communicate with database and Clarifai API.
- Created database to store user profiles and user data using PostgreSQL.
- Utilized: JavaScript, HTML/CSS, React.js, Node.js, Express.js, PostgreSQL, Knex, Clarifai API

AWARDS

Number One First-Year Salesperson within Western Sales Organization out of 100+ first-year salespeople – 2020

Top Experienced Salesperson (top 100 out of 1500+ experienced salespeople) – 2021

TECHNICAL SKILLS

Java | Python | JavaScript | C++ | SQL | Linux | HTML | CSS | Git | Mercurial