

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 reliability.

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