REYNER SANTONIUS

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EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

| *September 2020 – Present (Expected graduation: June 2022)*

- Bachelor of Science
- Major: Computer Science
- Minor: Music
- GPA: 3.714

LANEY COLLEGE

| *August 2018 – May 2020*

- Associate in Science, Mathematics
- Major: Computer Science
- Cum. GPA: 3.92 - Major GPA: 4.0

SKILLS

TECHNICAL SKILLS

Proficient with:

Python • C • UNIX • C++ • Java • HTML • JavaScript • CSS • Git

Familiar with:

Node.js • Express • React • Machine Learning • Computer Vision • OpenCV • LaTeX

SOFT SKILLS

Strong Verbal (Communication) • Enthusiastic • Responsible • Creative • Leadership

PUBLICATION

SMAKONECUP THEME SONG

| *2016 & 2017*

- Composed and co-composed theme songs for SMAK 1 high school annual event

OTHER INTERESTS

CAPOEIRA (Brazilian Martial Art)

- Have been practicing capoeira for over 8 years

LANGUAGES

Indonesian (Native) • English • Chinese (Limited)

AWARDS & TECHNICAL PROJECTS

WARREN COLLEGE HONORS SOCIETY

| *January 2021 - Present*

- Honored upon completing at least twelve UCSD graded units and maintain a minimum cumulative UCSD GPA of 3.7 or above

ALGOEXPERT SWE PROJECT HONORABLE MENTION

| *August - September 2020* | https://youtu.be/WXlDG_hzE0E

- Placed top-6 in the software engineering project contest with a theme of visualization
- Built a web app with **JavaScript** and **Express** framework to correct fitness exercises form through live webcam
- Used **Tensorflow.js**, **PoseNet**, and **BodyPix** libraries to create form-detection functionality and assemble live body part segmentation visualization
- Allow user to visualize time under tension and overall performance through graphs set up using **D3.js** and **SVG**

DEVELOPERWEEK's HACKATHON FINALIST

| *February 2020* | *Galvanize, San Francisco* | https://github.com/DELIGHT-Delayed-FLight/

- Top-5 overall-best event project out of 90 teams
- Built a web app using **MERN-stack** to find long layover flights for users to explore cities and discover activities to do in due course using Yelp's and Amadeus's APIs

PATH-FINDING VISUALIZER

- Built a path-finding visualization app using **React.js** to offer user better grasp of path finding algorithm
- Implemented Dijkstra's algorithm to find shortest path from start to target point

EXPERIENCE

MATHEMATICS TUTOR (PEER & EMBEDDED)

| *August 2019 – May 2020* | *Laney College*

- Offered academic support for fellow students in various Mathematics subjects including but not limited to Calculus, Linear Algebra, and Differential Equations to promote academic success.
- Reinforced student learning and provided hands-on support during class discussion session in Pre-Calculus & Trigonometry courses to increase students' understanding of the course material.

OTHER ACTIVITIES

MULTICULTURAL AMBASSADOR

| *February 2019* | *Berkeley City College*

- Hosted a multicultural open forum representing Indonesia
- Introduced Indonesian cultures and traditions insights