

Daniel Walder

Computer Engineering
& Cognitive Science

Contact

Phone

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E-mail

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Personal Website

www.danielwalder.website

Skills

Java, C/C++, Python, Swift,
PHP, MySQL, HTML, CSS,
JavaScript, XML, ARM,
System Verilog, MATLAB,
TensorFlow, React, NodeJS,
GitHub, Docker, AWS

Education

**University of California
- San Diego**

Sept 2018 – June 2022

B.S.: Computer Engineering
Minor in Cognitive Science
GPA 3.8

About me

Assistant Judo Instructor
Pianist and Ballroom Dancer
Ex-Military Paramedic
Native German speaker

3rd year Computer Engineering & Cognitive Science student at University of California – San Diego. Worked on embedded systems for vital functions of \$200,000 rocket. Performed large-scale data analysis used by the Austrian government. Social Computing Researcher.

Work History

2020-09

Protolab, La Jolla, CA

Research Assistant, Designer, Software Engineer

- Research and design novel data-discussion-system
- Discuss progress in weekly meetings with professors
- Currently working on first prototype in NodeJS

2019-07 -
2019-08

ISHAP CARD, Vienna, Austria

Analyst Intern

- Invented own predictive risk model to identify scammer companies
- Wrote Python/PHP that automatically visualized 200+ Austrian companies
- Findings presented to clients and Federal Ministry of Finance

2018-09 -
2019-06

Rocket Propulsion Laboratory, La Jolla, CA

Avionics Software Engineer

- Implemented self-engineered communication protocols in Java/C for \$200,000 rocket
- Communicated ideas to 40+ team members and thoroughly documented all work for base 11 competition

Projects

[see my website for more](#)

2020

Trumpagotchi iOS-App

Released on the AppStore

2020

CovidCode iOS-App

Held position of Project Manager for 11 students

2019

Automized Olive Moment Detection

Extensive Data Science Project

2018

Online Rock-Paper-Scissors android-app

2018

8-Bit Breadboard Computer