

# Daniel Walder

Computer Engineering  
& Cognitive Science

## Contact

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## Education

### University of California

#### - San Diego

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

## About me

Certified Assistant Judo  
Instructor

Pianist and Ballroom Dancer

Native German speaker

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

## Work History

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
- Communicated ideas to 40+ team members and thoroughly documented all work for base11 competition
- Rocket estimated at \$200,000 and team ranked 4th place nationally

2018-01 -

2018-07

### Austrian Military, Horn, Austria

*Paramedic*

## Projects

2020-06 -

Current

### Trumpagotchi iOS-App

- Recruited and worked with artists and political science researchers in the US and Austria
- Large-scale project focused on scalability and design patterns specific to videogames
- Documented on [www.trumpagotchi.website](http://www.trumpagotchi.website)

Other:

**Online Rock-Paper-Scissors android-app**  
with accounts and matchmaking

### 8-Bit Breadboard Computer

built with 40+ ICs and 12 breadboards