CHRISTIAN RODRIGUEZ

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https://github.com/christiaanrr

OBJECTIVE

Acquire a research/internship opportunity in order to enhance my skills as an individual and an engineer. Seeking to take upon challenging tasks in order to galvanize my intellectual and creative abilities.

EDUCATION

University of California, Los Angeles — Expected Graduation: June 2020
Bachelor of Science in Electrical Engineering — GPA: 3.50

TECHNICAL SKILLS

- **Programming Languages:** Python, C++ (Basic), HTML5, CSS3
- **Development Tools:** Git, GitHub, Vim, Heroku, Linux
- **Frameworks:** Django, Bootstrap
- **Other:** Machine Shop Tools, Arduino (Basic)

PROJECTS/EXPERIENCE

donteverforget.herokuapp.com (To Do App) — Aug. 2017
Self-Taught

- Designed and developed a Django CRUD application that functions as a to do list for users
- Implemented authentication system for account registrations via activation key
- Displays unique user data using HTML and Bootstrap
- Deployed database using Heroku and static files using Amazon Web Services

UCLA Smart Grid Energy Research Center (SMERC) — March. 2016 – May. 2016
Research Assistant

- Assisted graduate students with designing and developing a full-stack website that parses electric generator data, inputs the data into a database, and outputs it to a website

"Buddy" (Engineering 96C: The Internet of Things) — Sep. 2016 – Dec. 2016
Student

- Hands-on experience with state-of-the-art Internet of things (Intel Edison Arduino) technology
- Created a sensor system via Arduino called "Buddy" that help humans count the repetition of their gym exercises (pushups, sit-ups, etc.)
- Introduction to engineering design while strengthening teamwork and communication skills

christiaanrr.github.io (Personal Website) — Aug. 2017
Self-Taught

- Developed a website from scratch that showcases relevant projects and skills
- Learned HTML, CSS, and Bootstrap 4 in order to make a fully responsive website
- Learned how to use version control (Git) and GitHub

UCLA Rocket Project — Sep. 2016 – Present
Electronics Team Member

- Designed and constructed a Level 1 High Powered Rocket from scratch. Obtained NAR L1 Certification by flying the rocket 2242 feet and successfully recovering it
- Assisted in the development of the wireless system of UCLA's Competition Rocket. Responsible for designing Wi-Fi antenna poles that enable wireless communication between rocket and master computer

AWARDS AND HONORS

- NAR Level 1 HPR Certification — June 2017
- UCLA Achievement Scholar — August 2016