

Derin Daniel Dutz

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Seeking:
Software Engineering
Opportunities
To Solve
Wicked Problems

Education

Stanford University, Stanford, CA

September 2013 – June 2017 (expected)

- Pursuing a B.S. in Computer Science; GPA: 4.1 / 4.0

Experience

Facebook: Android and Web Software Engineering Intern

June 2015 – September 2015

- Updating the events flow and adding birthday notifications on Android: leading to around 10,000 more people joining events every day (+5%) and around 7 million more dashboard views every day (+50%)
- Spearheading and managing a team to develop new event planning features
- Implementing infinite scroll for the Android event permalink
- Creating a new event photos album on web. Winning an award for catching the most bugs

Stanford Artificial Intelligence Laboratory: Research Assistant

June 2014 – January 2015

- Engaging in computer vision and machine learning research on hand segmentation and tracking

CS198 Program: CS106 Section Leader

March 2014 – present

- Teaching section; helping students debug code; grading assignments and exams

App Developer Club: Founder and President

March 2015 – present

- Leading club focused on mobile and web app development. Designing website: appdeveloperclub.com

Stanford IoT (Internet of Things): Founder and President

March 2014 – June 2015

- Establishing and running Internet of Things club at Stanford. Organizing competitions and industry tech talks

Projects

Jarvis: Personal Assistant

July 2015 – present

- Building personal assistant system: e.g. wakes you up by preparing green tea, controls music and lights

LifeTracker: Trigger Tracking App

March 2015 – present

- Developing life, food, and fitness tracking iOS app. Planning on launching to help atrial fibrillation patients

Automated Craigslist Web Scraper

July 2014 – August 2014

- Devising system in Python that is passed items of interest and emails you every morning about new deals

Automatic Commenter

July 2014 – August 2014

- Writing program in Python that automatically comments code according to Google's Style Guide

Kitchen Manager

June 2014 – January 2015

- Building kitchen simulator in C++ that tracks inventory, suggests recipes, counts calories, and much more

Code The Change

September 2013 – September 2014

- Creating kickstarter-esque website connecting non-profits with students and others willing to help

GLOWbe

February 2014 – March 2014

- Building light ball that detects throws, connects to a computer via XBee, and is aware of other GLOWbes

Haptic Battle Pong

October 2013 – November 2013

- Researching visuo-haptic augmented reality by building a two-player haptic battle pong game

Skills

- **Programming Languages:** Python, Swift, Java, JavaScript, PHP, Hack, HTML, CSS, Ruby, C++, C, Bash, ...
- **Web/Mobile Development:** iOS, Android, React, MongoDB, ExpressJS, AngularJS, Node.js, Django, Rails, ...
- **Actual Languages:** Fluent in Turkish, French, and Spanish