

Oliver O'Donnell

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Profile Computer scientist with strong interest in business management.
Loves finding creative solutions to important problems.

Education **University of California, Berkeley** **Fall 2013 - 2017**
Computer Science (intended), Sophomore, 3.39 GPA
University of New South Wales (UNSW) **Spring 2013**
Studied International Commerce before transfer to Berkeley

Online Projects You'll find many of my non-academic projects on my website: **ollie-odonnell.com**
Annot8 Project won the design prize at 2014 Evernote Hackathon. **/Evernote**
Makes time-correlated notes to keep track of recordings.
Connect Four Minimax AI ported to JavaScript for the web. **/ConnectFour**
Personal project for my first CS class.
SMA Web Replacement Modernizing web presence of seven **/WebDev**
student groups and their parent company.

Experience **Founder, PACKD** **Fall 2014 - Present**
Coordinating large team. App uses crowd-sourced location data to determine crowdedness of various locations on campus.

Academic Caseworker, ASUC Student Advocate's Office **Fall 2013 - Present**
Helping individual clients solve disputes. Advocating for policy improvements to protect students. Recently approved for \$50,000 in funding for health policy change.

Teaching Assistant in Training (TAiT), CS10 **Spring 2014 - Present**
Teaching complex Computer Science ideas such as algorithmic complexity and tree recursion to students new to the field.

Banking Consolidation Work Group, UC Berkeley **Fall 2013**
Identified acceptable marketing assets and assessing student impact of \$1.8b consolidation of banking across departments.

Barista, Dominic's Coffee in Sydney **Spring - Summer 2013**
Worked as a barista and served customers.

Skills **Photography:** Won awards using SLR, tripod, intervalometer, etc.
Foreign Language: Fluent in French.
Java: Built database from scratch. Implemented efficient pathfinding algorithm with Dijkstra/A*.
Python: Text parsing for tweets, mapping positive/negative sentiment to location. Experienced with Python OOP.
Git: Used to collaborate on PACKD. Individual projects on Dropbox.
Web Dev: Bootstrap enthusiast. Some Flask. JavaScript. JQuery.
Other Programming: Alpha-beta pruning. Runtime analysis. Scheme. Logic.

Relevant Courses **CS 61A:** Structure and Interpretation of Computer Programs
CS 61B: Data Structures and Advanced Programming
ECON 1203: Business and Economic Statistics
ACCT 1501: Accounting and Financial Management