

ZACHARY LIOU

UC San Diego
B. S. Bioengineering; Bioinformatics
GPA: 3.71

CONNECT

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PROFILE

Motivated and quick-learning
junior-standing undergraduate seeking a
software engineering internship,
particularly for mentorship, and
opportunities to work on projects aimed at
creating social good.

I intend to transfer into a computer science
major (B. S.) and minor in statistics.

SKILLS

LANGUAGES (experienced):

Java, C, JavaScript

LANGUAGES (familiar):

C++, SQL, Assembly, MATLAB, Ruby

FRAMEWORKS:

AngularJS, Node.js, Express.js, JQuery,
Ionic, HTML/CSS

SKILLS, TOOLS, & METHODOLOGIES:

UNIX, Vim, Git, JUnit, GIMP, Agile, Lean,
project team management, data structures
& algorithms

EXPERIENCE

PROJECT TEAM LEAD @ EGGE

December 2015 - Present

Utilized: Agile, Scrum, misc. leadership & communication

- Leading a team of software engineers and marketing interns
- Attending meetings with angel/VC investors alongside CEO
- Fulfilling work alongside full-stack development role

FOUNDING FULL-STACK DEVELOPER @ EGGE

May 2015 - Present

Utilized: AngularJS, Node.js, Express.js, SQLite, HTML/CSS, Ionic,
Git, BitBucket

- Responsible for creating Egge, a location-based
events-planning app (app.eggeapp.com)
- Developing a REST API with Express and Node used in
conjunction with AngularJS and SQLite
- Developing and implementing a predictive algorithm for
recommending events to users based on history
- Designing an intuitive UX and minimalist UI
- Designing a landing website (www.eggeapp.com)

PROJECTS

FOUR-BY-FOUR

August 2015 - Present

Utilized: Java, JavaFX

- Designing a Connect-4-like game with a rotating board
- Implementing a multi-dimensional deque data structure
- Experimenting with intuitive interface and UX design

PERSONAL WEBSITE

July 2015 - August 2015, and ongoing

Utilized: HTML/CSS, JavaScript, Git, GitHub

- zliou.github.io/zachliou
- Experimented with UI design, HTML/CSS, and animations

MISC. GRAPHIC DESIGN

January 2016 - Present

Utilized: GIMP, HTML/CSS

- See 'Art' section of my personal website:
zliou.github.io/zachliou/art.html

VOLUNTEER EXPERIENCE

AID SUMMER

June 2014 - August 2014

- Led a team of English teachers before scores of Taiwanese
eighth-graders
- Planned lessons and class field trips in an environment
requiring critically clear communication