

# ANTON OYUNG

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## EDUCATION

**University of California, Berkeley**

**Aug 2015 – May 2019**

*B.A. Statistics & CS* | GPA: 3.5 | Relevant Coursework: Data Structures (Java), Computer Programs (Python), Concepts of Probability, Machine Structures (C), Computing with Data (R)

## PROJECTS

**Yelp** – Researched Yelp data using LDA and other NLP techniques to analyze restaurant reviews.

**Graphs** – Created a complete graph API implementing BFS and DFS as well as Dijkstra's and A\* search.

**Elections** – Predicted the 2016 elections by web scraping past election and census data to use linear regression and K-NN classification to analyze the nation by county with a 90% accuracy.

**Ataxx** – Implemented game and created an AI using minimax algorithm to win over 70% of games played.

## WORK EXPERIENCE

**Binwise Incorporated, San Francisco**

**San Francisco, CA**

*Statistical Programming Intern*

**Jun 2016 – Aug 2016**

- Lead analyst on new software engine for wine recommendation product. Coded in SQL, Python, and R.
- Created over 20 business intelligence tools to automatically generate monthly sales reports for clients.
- Spearheaded revenue increasing data model creating essential graphical and statistical components.
- Worked closely with R&D developing sales statistics and graphical models used in presentations given to prospective investors, and personally presented findings to the company on multiple occasions.

**Yang Neuroscience Research Lab, Stanford University**

**Palo Alto, CA**

*Research Analyst*

**Mar 2014 – May 2015**

- Performed statistical analysis on Huntington's disease research with a team of graduate students and professors at the Stanford University Neuroscience Lab.
- Analyzed the movement of transport proteins by assembling large data sets to calculate statistical significance resulting in a greater understanding of the effects of Huntington's disease.

## ORGANIZATIONS

**Undergraduate Statistics Association**

**Berkeley, CA**

*Web Developer*

**Sep 2016 – Current**

- Worked on weekly web projects in small groups to develop personal and club/organization websites.
- Held workshops to teach statistics students basic design and web development skills.

**Innovative Design**

**Berkeley, CA**

*Graphic Designer*

**Feb 2016 – Current**

- Designed graphics and pamphlets for a variety of on-campus groups and organizations.
- Worked extensively with Photoshop and Illustrator to create designs for clients.

## SKILLS

**Coding** – Python [Skilled]    Java [Advanced]    SQL [Skilled]    R [Advanced]

Extensive coding experience (OOP, Data Structures, etc.) in academic and professional settings with working knowledge of SSMS and RStudio. Experience coding in repositories with Git and Bitbucket.

**Business Tools** – Jira, Confluence, Sprint planning, other Agile methodologies

Experience working in Agile sprints, sprint planning, and storyboarding; skilled at creating documentation using Confluence. Experience with daily scrum meetings and design brainstorming.

**Graphic Design** – Adobe Photoshop, Illustrator, Lightroom

Vectoring and Typography with a strong understanding of layout design and color theory.

**Interests include:** Dragonboat, photography, powerlifting, Olympic wrestling, Chess, and cooking.