

# ALBERT ZHONG

github.com/albert-zhong  
azhong@cs.washington.edu  
(425)-346-0085

## EDUCATION

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**University of Washington**, Seattle, WA

*Sept. 2019—June 2023*

- B.S Computer Science
- Direct Admit to the Paul G. Allen School of Computer Science & Engineering
- Relevant Coursework: Computer Programming II, Software Design and Implementation

GPA: 3.74

**Skyline High School**, Sammamish, WA

*Sept. 2015—June 2019*

- International Baccalaureate Diploma Programme (IBDP)
- National Merit Scholar 2019

GPA: 3.98

## SOFTWARE SKILLS

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**Backend Skills**

Python, Java, Django, PostgreSQL, MySQL

**Frontend Skills**

JavaScript, React.js, Redux, jQuery, Ajax, HTML/CSS, Bootstrap

**Knowledge**

MVC, RESTful API, Data Modelling, AWS, Git

## EXPERIENCE

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**Founder**

*December 2019—current*

*quadrangle.me*

- Launched quadrangle.me, an anonymous online forum for verified college students
- Built backend email verification and forum software with Python, Django, and PostgreSQL
- Wrote responsive frontend with JavaScript, jQuery, Ajax, and Bootstrap
- Implemented modified preorder traversal trees for efficient nested comment lookups from the database

**Director of Fundraising**

*Sept. 2015—June 2018*

*Spartabots 2976*

- Won the 2018 FIRST Robotics Competition World Championship in Houston
- Raised over \$20,000 through grants, fundraising events, and sponsorships

## PROJECTS

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**CiteNow**

*citenow.net*

- Created citenow.net, a full-stack web app that generates and saves academic citations
- Built user login system, bibliography database, and citation renderer with Django and PostgreSQL
- Deployed website to AWS EC2 and handled traffic through Gunicorn and Nginx

**Seagull**

*github.com/albert-zhong/seagull*

- Developed a Python library to stream tweets by geographic location from the Twitter API
- Parsed tweets and saved them into a CSV file and/or MySQL database
- Built a linear regression model to predict psychological traits via Twitter word choice