

Zachary J. Snow

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(208) 318-6553

EDUCATION

- Carnegie Mellon University** • Major: Computer Science; Minor: Business Administration
School of Computer Science • GPA 3.94; Dean's List for 6 semesters; Phi Beta Kappa; University Honors
August 2015 - May 2019 • Teaching Assistant for 15-410 Operating Systems for 3 semesters and for 15-122 Principles of Imperative Computation for 2 semesters

WORK EXPERIENCE

- Jump Trading, LLC**
Software Engineer Intern
June 2018 - August 2018
- Designed three new trade reconciliation gateways to bring data from clearing houses around the world into Jump's trading platform
 - Created an ML tool to prioritize technical notifications from exchanges
 - Built a high-speed order gateway for a cryptocurrency exchange
 - Enhanced a tool to test upgrades to Jump's trade reconciliation gateways

- Addepar, Inc.**
Software Engineer Intern
May 2017 - August 2017
- Created dynamic data visualization tools central to Addepar's multi-context portfolio performance reporting product
 - Worked directly with clients managing multi-billion dollar portfolios
 - Won company-wide hackathon by building a significantly time-saving automatic code test and merge process

- MongoDB, Inc.**
Software Engineer Intern
May 2016 - August 2016
- Developed command line tools for MongoDB users to manage data and monitor distributed database deployments
 - Redesigned quality assurance tests for speed, reliability, and integrity
 - Refined the interface for the company's automated testing system

- Hewlett-Packard, Inc.**
Software Engineer Intern
July 2013 - August 2015
- Developed software for a cloud-based content management solution that allows users to store, retrieve, and print documents
 - Redesigned the team's CI system to improve its speed and reliability

EXTRACURRICULAR ACTIVITIES

- CMU Solar Racing**
Optimization Team
August 2015 - September 2018
- Designed performance-optimizing control systems for a group that builds large, solar-powered racing boats for national competitions
 - Placed third at the 2017 Solar Splash Intercollegiate Championship

- Delta Tau Delta at CMU**
Chapter Vice President
January 2017 - December 2018
- Appointed and led the members of the chapter's Administrative Committee, which organizes all chapter programming
 - Created software to streamline distribution of chapter information

- FIRST Robotics Team 2122**
Programming Team Lead
October 2012 - August 2015
- Led the software development for a competitive robotics team
 - Taught object-oriented programming to high school team members
 - Division semifinalist at the 2015 FRC World Championship; four-time tournament champion at competitions across the US

SKILLS AND INTERESTS

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| Languages | C, C++, Haskell, JavaScript, Go, Java, Python, Objective-C, PHP, SML/NJ |
| Environments | Various Linux distributions, iOS and macOS, VxWorks, Windows/.NET |
| Activities | Enjoy running, skiing, golfing, and hiking |
| Interests | Conversing in Spanish; volunteering and traveling to South America, Europe, Africa |