

Zachary J. Snow

EDUCATION

- Carnegie Mellon University**
School of Computer Science
August 2015 - Present
Expected Graduation: May 2019
- Major: Computer Science; Minor: Business Administration
 - GPA 3.91; Dean's List Fall 2017, Spring 2017, Fall 2016, Spring 2016
 - Teaching Assistant for 15-410 Operating Systems: Spring 2018 and 15-122 Principles of Imperative Computation: Fall and Spring 2017

WORK EXPERIENCE

- 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 asset portfolios to meet their diverse data analysis needs
 - 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 QA tests for speed, reliability, and integrity
 - Refined the user experience for the company's automated testing system that manages thousands of servers and tasks daily
- 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 and to increase the stability of new releases

EXTRACURRICULAR ACTIVITIES

- CMU Solar Racing**
Optimization Team Member
August 2015 - Present
- Design control systems for a group that fabricates large, solar-powered racing boats for national competitions
 - Developed software to track and optimize the boats' performance
 - Placed third at the 2017 Solar Splash Intercollegiate Championship
- Delta Tau Delta Fraternity**
CMU Vice President; Secretary
September 2015 - Present
- Appoint and lead 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**
Lead Student Programmer
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

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