

# Zachary J. Snow

## EDUCATION

---

Carnegie Mellon University  
School of Computer Science  
August 2015 – Present

- Major: Computer Science; Minor: Business Administration
- GPA 3.86; SCS Dean's List Spring 2016 and Fall 2016
- Anticipated Graduation Date: May 2019
- Spring 2017: TA for 15-122 Principles of Imperative Computation

## WORK EXPERIENCE

---

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

Interstate Group, LLC  
Programmer  
June 2012 – July 2013

- Designed trailersplus.com and created trailerpages.com to generate additional revenue for this national cargo trailer retailer
- Developed an in-house mobile application that provides real-time sales reports to company management

## 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
- Assist with software development to optimize boats' performance

Delta Tau Delta Fraternity  
Chapter Vice President  
January 2017 – Present

- Appoint and lead the members of the chapter's Administrative Committee, which organizes all chapter programming
- Created software to distribute member contact 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 students
- Division semifinalist at the 2015 FRC World Championship; four-time tournament champion at competitions across the US

Create Common Good  
Volunteer IT Intern  
June 2013 – July 2015

- Migrated existing Excel-based tools into the Salesforce.com cloud platform to increase this culinary nonprofit's operating efficiency
- Integrated QuickBooks Online data from a large account to improve customer relationship management workflows

## SKILLS AND INTERESTS

---

Languages	Go, Java, C, C++, JavaScript, Objective-C, Python, PHP, SML/NJ
Environments	VxWorks, iOS and macOS, various Linux distributions, Windows/.NET
Activities	Avid runner; enjoy golfing, skiing, and hiking
Other	Conversational in Spanish; volunteer and traveler to South America, Europe, Africa