

MAX DRACH

531 Lasuen Mall, P.O. 13501 | Stanford, CA 94309 ▪ mdrach@stanford.edu ▪ 910-352-2689

EDUCATION

- Stanford University, Stanford, CA** 2013 – present
- B.S. in Computer Science, 2017
- Phillips Exeter Academy, Exeter, NH** 2009 – 2013
- High Honors distinction

EXPERIENCE

- Facebook, Software Engineer Intern** summers 2015/16
- Optimized Newsfeed story ranking framework
 - Built data visualization dashboard for A/B testing tools
- Stanford Solar Car Project, Engineering Director** 2013 – present
- Plan top-level car architecture and delegate projects across engineering subteams
 - Will lead team in 3000km race across Australia at the 2017 World Solar Challenge
- Stanford CS106A Programming Methodologies, Section Leader** spring 2017
- Will teach and grade assignments for weekly problem discussion section of 8-12 students
- Stanford Intelligent Systems Lab, Research Intern** summer 2014
- Wrote parser tool to translate the government pseudocode specification of TCAS to Julia
 - TCAS is the standard aircraft collision avoidance system mandated worldwide
- HMF Express, Engineer Intern** summer 2013
- Wrote C# web apps and designed graphics for steel door product configuration software
- Exeter Social Service Organization, Co-President** 2012 – 2013
- Led over 70 student-run clubs and community projects
 - Designed online sign-up system that helped 250+ local children participate in our clubs
- Junior Seahawk Watson School of Education at UNCW, Teaching Assistant** summer 2012
- Led science activities with at-risk youth to encourage interest in STEM careers

SKILLS

Languages: Python, C/C++, Javascript, Java, PHP, Julia, Intermediate Mandarin Chinese

OTHER ACTIVITIES

- The Prince of Morocco, Stanford WiT's production of *The Merchant of Venice*** fall 2016
- Stanford Men's Rowing Team, Division I Varsity Athlete** 2013-2014
- High School New England Champion, Water Polo and Rowing** 2012, 2013
- National Security Language Initiative for Youth Scholarship (NSLI-Y), Chengdu** 2011