

# jameswells

## about

Austin, TX  
jr wells10@gmail.com

github.com/jrwells  
twitter.com/jrobwells

## programming

Python, JavaScript  
HTML/CSS, Nim  
Java, C#, Ruby

## software

Git, SVN, Mercurial  
Xcode, Eclipse  
Visual Studio  
Adobe Creative Suite  
Rhino & Grasshopper

## work experience

- 2016 - 2019 **Mode Lab - New York, NY and Portland, OR** Software Engineer and Technology Lead  
*Designing and building custom CAD/CAE applications & tools that solve client-specific problems, ranging from product design to manufacturing.*
- 05-08, 2015 **Undercurrent - New York, NY** Full Stack Developer  
*Built Ruby and Node API interfaces for HolacracyOne's GlassFrog platform and designed software that helped organizations function better.*
- 06-08, 2013 **Caringo Inc - Austin, TX** Software Development Intern  
*Designed and implemented the server-side of an HTTP communication platform using Python.*
- 08-12, 2012 **Washington University in St. Louis - St. Louis, MO** Teaching Assistant  
*Instructed students in lab and graded assignments for CSE 131, an introductory computer science course.*
- 06-08, 2011 **Selenium LTD - Austin, TX** Lab Intern  
*Worked on the development of a chemiluminescence test for their antimicrobial selenium coating technology.*
- 06-08, 2010 **ESO Solutions - Austin, TX** Quality Assurance Intern  
*Tested software which helps emergency first-responders connect more rapidly to hospitals.*

## education

- 2010 - 2014 **B.S. in Computer Science** Washington University in St. Louis, St. Louis, MO  
*Topics included: Object-Oriented Software Development, Systems Software, Rapid Prototype Development, and Creative Programming.*
- 2006 - 2010 **High School** St. Stephen's Episcopal School, Austin, TX  
*Topics included: Advanced Biology, Advanced Physics, Astrophysics, Calculus, Chemistry, Latin, and Robotics.*

## extracurricular experiences

- 2009 **Purdue University STEP Engineering Program**  
*Introduction to biomedical and mechanical engineering*
- 2008 **Worcester Polytechnic Institute Frontiers Program**  
*Computer science and music program, studies included: JavaScript, CGI, Star-Logo, Pearl and Python*
- 2008 **University Medical Center at Brackenridge Volunteer Program**  
*Summer volunteer primarily assisting oncology floor nurses*