

# JOSH ROGAN

APPLICATIONS DEVELOPER

## EDUCATION

**UNIVERSITY OF PITTSBURGH**  
Bachelor of Computer Science  
2013-2015

**UNIVERSITY OF SCRANTON**  
Computer Science  
2011-2013

## WEB DEVELOPING

**Languages:** HTML5, CSS3, PHP, JavaScript, Python, SQL, & Ruby

**Libraries & Frameworks:** JQuery, LESS, SASS, Modernizr, Flask, Laravel, Grunt, CakePHP, Node, Express, Ninja2, Django, Ruby on Rails, Twitter Bootstrap, and WordPress

**Misc:** Git, Chrome and Firefox developer tools, Google Analytics, Google App Engine, Web Master Tools, SDLC, and UML

## GENERAL DEVELOPING

**Languages:** Java, Python, C, C++, Ruby, SQL, and XQuery

## SYSTEMS ADMINISTRATION

Familiar with setting up Apache and Nginx Servers with PHP and MySQL. Python frameworks. Node.js frameworks

**Developed on:** Amazon EC2 Instances, shared web hosts, and personal server

## DESIGN AND VIDEO PRODUCTION

**Applications:** Adobe Photoshop, Lightroom, Illustrator, Premiere Pro, and After Effects CS6

## WORK EXPERIENCE

**University of Pittsburgh** 2014 - present  
Web Developer - Department of Human Genetics

Develop a JavaScript client side genetics simulator that allows students to explore the effects and interactions of several evolutionary forces. Currently working on bi-weekly updates and enhancements.

Project URL: [popgensimulator.com](http://popgensimulator.com)

**University of Pittsburgh** 2015 - present  
Web Developer - Department of Chemistry

Develop a database (Pitt Quantum Repository) and website of molecular quantum calculations, including visualizations. Currently working on early developing using the python framework Flask.

Project URL: [TBD](#)

**Freelance Web Developer** 2011- present  
Independent Consultant

As a freelance web developer, I have experience working with clients in a variety of disciplines, including writers, coaches, nurses, professors, and students to name a few.

**University of Scranton** 2011- 2013  
Technical Consultant - Center for Teaching & Learning Excellence

Instruct both faculty and students for pedagogical purposes. Tasked to develop and maintain websites for faculty and campus organizations. Created technical documentation for faculty and students.

More Info: [scranton.edu/academics/ctle](http://scranton.edu/academics/ctle)

**University of Scranton** 2011- 2013  
Help Desk - Technology Support Center

Provided technical troubleshooting for residents of the University of Scranton including: virus remediation, hardware issues, performance enhancements, and more. Required strong customer service and communication skills.

More Info: [scranton.edu/pir/its/tsc](http://scranton.edu/pir/its/tsc)

## PHILOSOPHIES

**Web:** Responsive Web Design & Mobile First

**Design:** Flat Minimalist Design

**Development:** OOP and MVC

**Life Cycle:** Agile Development