

## Phillip A. Kriegel

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Code Repository: [github.com/philkrie](https://github.com/philkrie)

### Professional Summary:

A student pursuing a math and computer science double major with a passion for technology and programming. A very adaptable and fast learner with real world experience in development and business processes.

### Independent Technical Projects and Skills

- A website for the University of Oregon Mock Trial team utilizing Bootstrap, CSS/HTML, PHP, JS, and Angular.js: [uomocktrial.com](http://uomocktrial.com)
- A website for the UO Gabon-Oregon Center utilizing Drupal, JS, and PHP: [goc.uoregon.edu](http://goc.uoregon.edu)
- A website created for the Oregon Network Research Group at the University of Oregon for parsing DNS for research, utilizing Tomcat, Bootstrap, MySQL, CSS/HTML, Java, and Java Servlets
- A 3D interactive map for the UO Study Abroad Office utilizing Drupal, PHP, JS, three.js, node.js and react.js (under development)
- Programming for Mac OS X, Microsoft Windows, Android and Linux environments; Technologies used: Python, Java, C, C++, JavaScript, CoffeeScript, Node.js, Sass, Less, Angular.js, PHP, SQL

### Relevant Work Experience

- **June 2015 – August 2015, DISH Network, IT Intern:** Examined business processes and provided recommendations for the improvement of internal scheduling processes. Analyzed customer notification systems and created proposals for optimizations. These proposals were presented to the DISH Network executive team, and have received commendation
- **September 2015 – present: University of Oregon Study Abroad Office Web Developer:** Designed and developed websites that utilized Drupal back ends with custom frontends
- **September, 2013 – present: Teaching and Learning Center (University of Oregon) Math Tutor:** Specializing in mentoring and tutoring in calculus, algebra, linear algebra, statistics and proofs
- **September 2015 – present: Undergraduate Researcher for Oregon Network Research Group:** Conducting network research funded by National Science Foundation REU program on the topology of the Internet for the purposes of publishing a thesis: [mirage.cs.uoregon.edu](http://mirage.cs.uoregon.edu)

### Education

2012 – Present: Student at University of Oregon, Robert D. Clark Honors College (Cumulative GPA 3.99)

- Double major in Applied Mathematics (GPA 4.06) and Computer Science (GPA 4.07)
- Expected completion: Applied Mathematics – Winter 2015  
Computer and Information Science – Spring 2016
- Completed minor in Spanish Language and Literature
- Completed courses in data structures, computer organization, advanced algorithms, language theory, operating systems, Python, Java, C, and Android applications
- Placed on Dean's List for 10 consecutive terms
- University of Oregon Centurion Award winner for outstanding student leadership

**Languages:** Fluent in Spanish and Russian

**References:** Professional/personal references and academic transcript are available upon request