

# Nathan Owen

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## EDUCATION

### WILLIAM & MARY

EXPECTED MAY 2017  
Williamsburg, VA

### BS IN COMPUTER SCIENCE AND COMPUTATIONAL MATHEMATICS

Dean's List all semesters  
GPA: 3.98 / 4.0

## AWARDS

Fulbright Scholar to London  
Monroe Scholar (top %1 of class)  
Outstanding Optimist Award

## LINKS

Github:// [newOnahtaN](#)  
Personal:// [nateo.co](#)  
LinkedIn:// [nathancoleowen](#)

## SKILLS

### PROGRAMMING

Proficient  
Java • Ruby • Python • Rails  
AngularJS • Git •  $\text{\LaTeX}$   
Familiar  
C • C++ • CSS • Shell  
ObjectiveC • Android

## COURSEWORK

### MATHEMATICS

Abstract Algebra  
Real Analysis  
Simulations  
Numerical Analysis  
(*Research Asst. & Teaching Asst*)  
Ordinary Differential Equations

### COMPUTER SCIENCE

Simulations  
Principles of Programming Languages  
Software Development  
Computer Organization  
Algorithms  
Data Structures

## INTERNSHIPS

### VTS | SOFTWARE ENGINEER INTERN

June 2015 – Present | New York, NY

- Full stack development in Ruby on Rails and AngularJS with a team of 20 engineers. Quick iteration cycles, nightly deployments, strict testing requirements with an intrinsic focus on process.
- Built out data integration services that eliminated 20 hours of manual integration per week.
- Deployed an integration with Salesforce on short notice which caught the attention and won over two large client companies.

### AIDDATA | SOFTWARE DEVELOPER INTERN

December 2014 – May 2015 | Williamsburg, VA

- Lead the formalization of the data refinement process for geocoded datasets. Devised a data integrity suite in Python, including thorough schemas.

## PROJECTS

### STEER CLEAR W&M | ANGULARJS

With a team of 5 over 3 months, contributed a web app to a suite of apps to manage logistics for a volunteer car ride service for college students.

### RATE MY PROFESSOR CHROME EXTENSION | JQUERY

Scraped and injected Rate My Professor ratings into William and Mary's open course list concurrently. 2000 peak users and 355 weekly users.

### SCHOLARSHIP CENTRAL | ANGULARJS & RAILS

Created a single page web app that provides search and filtering tools to help W&M students quickly find a scholarship. [psaweb.herokuapp.com](#)

### 3-D ANDROID MAZE GAME | JAVA

Class project to extend a maze game with maze solution algorithms, alternative OOP design patterns, and personalized graphics.

### PIVOTAL TRACKER DEPLOYMENT REPORTER | RAILS

Made an open source tool to email a summary of delivered pivotal tracker stories (an agile development tool) at milestones in deployment cycles.

### CLASS NOTIFIER | RAILS

My only private project, a tool that sends me and some friends an email and sms as soon as any new Computer Science courses are added at W&M.

### PIVOTAL TRACKER API RUBY GEM | OPEN SOURCE CONTRIBUTION

Extended the 'pivotal-tracker' ruby gem to cover a wider range of endpoints.

## SOCIETIES AND LEADERSHIP

Chair	Association for Computing Machinery	2015
Scholarship Chair	Phi Sigma Pi Honor Fraternity	2013-2015
Founder and President	Science National Honor Society	2012-2013
Section Leader	Jersey Surf Drum and Bugle Corps	2012
Band Captain	Nationals-Winning Marching Band	2012-2013