

# Casey S. Watts

[www.caseywatts.com](http://www.caseywatts.com)    [@kyloma](https://twitter.com/kyloma)  
(443) 386 3616    [casey.s.watts@gmail.com](mailto:casey.s.watts@gmail.com)

## Education

---

<b>Yale University</b> Bachelor of Science in Psychology, Neuroscience Track Co-author on three behavioral neurobiology publications	New Haven, Connecticut 2008 - 2012 <a href="#">details on PubMed</a>
<b>Community College of Baltimore County</b> Object Oriented Programming Certificate	Baltimore, Maryland 2003 - 2008
<b>Kenwood High School</b> International Baccalaureate Diploma, Valedictorian	Baltimore, Maryland 2004 - 2008

## Work Experience

---

<b>Senior Developer, Heroku</b> Develop applications in Ember and Javascript. Keep everything up to date, using the current best practices for SPAs.	2016-present <a href="https://heroku.com">heroku.com</a>
<b>Senior Developer, Continuity</b> Develop applications in Ruby on Rails and Javascript. Remote pair programming. Lead the team's increased use of javascript.	2015-2016 <a href="https://continuity.net">continuity.net</a>
<b>Program Manager, Student Developer &amp; Mentorship Program</b> Manage 25 students who develop 10 applications, web and mobile. Created new developer teams: User Experience, iOS, Android Coordinate hackathons, lecture series, workshop series, collaboration with community groups	2014-2015 <a href="https://yalestc.github.io">yalestc.github.io</a>
<b>Lead Instructor, Yale Entrepreneurial Institute Tech Bootcamp</b> Teach full-stack web development course using Ruby on Rails. 30 students new to programming, in a 10 week full-time immersive program.	2014, Summer <a href="http://yei.yale.edu/tech">yei.yale.edu/tech</a> <a href="#">final projects</a>
<b>Program Manager, Student Tech Program</b> Manage 150 students providing complete hardware & software support for 6000. Trained 100 students/year to repair computers. 20% Dell or Apple certified. Created 7 committees involving 10 students each. Huge catalytic effect on innovation, with no additional hours needed from management.	2012-2014 <a href="http://yale.edu/stc">yale.edu/stc</a>
<b>Director of Patient Services, HAVEN Free Clinic</b> Provide free primary care for patients without health insurance. Manage a team of 15 volunteers, 3 per Saturday. Scheduling patient appointments, primarily in Spanish. Helped implement EPIC healthcare record system, trained Patient Services department.	2011-2013 <a href="https://havenfreeclinic.org">havenfreeclinic.org</a>
<b>Student Developer Team Lead, Student Technology Collaborative</b> Manage & develop applications in Ruby on Rails and Javascript.	2008-2012 <a href="http://yale.edu/stc">http://yale.edu/stc</a>

## Projects

---

### GraphvizREPL

[graphvizrepl.com](http://graphvizrepl.com)

Realtime text-to-diagram collaboration. Using Etherpad for realtime text collaboration, and Graphviz for text-to-diagram rendering.

### Continuity Control

Helps compliance officers in small banks and credit unions coordinate compliance efforts within their organization. Large Rails application with backbone.

### CardSwipr

[github.com/YaleSTC/cardswipr](https://github.com/YaleSTC/cardswipr)

Keeps track of who has attended an event using their Yale ID card. Small, simple application in Ruby on Rails. Interviewed groups with similar system to see how this app might meet their needs. Worked with central ITS to expose [card-swipe  $\Leftrightarrow$  identity] as a web API.

### YaleLDAP Gem

[github.com/YaleSTC/yaleldap](https://github.com/YaleSTC/yaleldap)

Greatly simplifies connection to Yale's LDAP Server. Well documented, 4.0 on Code Climate.

### Reservations

[yalestc.github.io/reservations](https://yalestc.github.io/reservations)

Manages the loaning and reservation of equipment items. Used by ~14 groups on campus to manage 10,000's reservations of 100's of equipment items. Large, stable, well-tested application in Ruby on Rails.

### Shifts

[yalestc.github.io/shifts](https://yalestc.github.io/shifts)

Coordinates where and when employees work. Employees sign themselves up, swap shifts, are held accountable. Manages payment. Used by ~7 groups to manage ~400 employees. Large, difficult legacy application. Going through massive Rails 2 => Rails 3 upgrade.

### Service Now Tweaks Browser Extension

[github.com/YaleSTC/Service-Now-Tweaks](https://github.com/YaleSTC/Service-Now-Tweaks)

Improves the usability of Service Now (IT ticket tracking software).

### Yale Wiki, Haven Free Clinic Wiki, Student Technology Collaborative Wiki

[yalewiki.org](http://yalewiki.org)

Helps people share information and collaborate, especially long-term. Editable by anyone affiliated with the group. For *YaleWiki.org*, >50,000 views/year by a population of <5,000. Information architecture, server administration, MediaWiki with custom plugins.

### Collaboration Tips & Tricks Collection

[Presentation on YouTube](#), [Notes](#)

Curated resources used to improve team collaboration

## Skills & Specialties

---

### Some Specific Skills

Ember.js, ESNext (ES6+), Ruby on Rails, web components, React, Vue.js, Backbone.js, Angular.js, Progressive Web Applications, Electron Apps, browser extensions

### Values

Sharing best practices, communication and collaboration, in-person feedback from users, setting appropriate expectations, open team communication and collaboration, issue prioritization, incremental improvement, pair programming, code review, testing.