

# Nikolas Nyby

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## SKILLS

- Fluency in C, Objective-C, Python, Ruby, Java, Scala, PHP, JavaScript, Haskell, Go, SQL,  $\LaTeX$ , Unix shells
- Experienced with:
  - Front-end development (React, Ember, HTML/CSS)
  - Back-end development (Django, Rails, Spring)
  - Deployment (Continuous Integration, nginx, AWS, Heroku)
- Expertise in JavaScript graphing libraries like JSXGraph, d3.js, and Highcharts, and browser technology like HTML5 Canvas
- Expertise in Unix, Mac OS X and AmigaOS system and network administration, including service deployment, operation, and maintenance

## EXPERIENCE

*Software Developer* 2014 - Present  
Center for Teaching and Learning - Columbia University - New York, NY

- Work with faculty to develop educational applications for the classroom
- Develop and maintain a few dozen Django web applications
- Extend application functionality as needed involving many technologies, e.g. LTI integration with Canvas LMS

*Engineer* 2013 - 2014  
to.be - Particle, Inc. - New York, NY

- Collaborated in a team environment, gaining essential skills through pair programming and code reviews
- Helped design and develop an innovative social T-shirt editor and shop

*Web Services Engineer* 2012 - 2013  
TransformativeMed, Inc. - Seattle, WA

- Developed an API platform in PHP and PostgreSQL, porting code from Cerner Command Language
- Planned architecture for and developed a glucose tracking flowchart, giving decision support for healthcare providers

*Lead Developer* 2011 - 2012  
Third Street Works - San Francisco, CA

- Mobile front-end development – Completely styled a Sencha Touch app, taking compatibility into account on various mobile devices
- Made significant changes to our e-commerce product (Amazon-style reviews, implemented complex product variations features)
- Front-end development for iPad app

## EDUCATION

*Bachelor of Science, Computer Science*  
The Evergreen State College, Olympia, WA. Class of 2010.