

# Matthew O'Connor

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## PROFESSIONAL EXPERIENCE

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### AMERICAN PLANNING ASSOCIATION

*UX Developer*

Chicago, IL  
Oct 2013 - Present

- Working on a 3-6 person agile development team with weekly sprints
- Developing and supporting multiple websites using Python and Django, Nodejs, Wordpress, .NET, Javascript, CSS, and HTML
- Maintaining an understanding of good programming and UX practices through research, reading, professional courses, and conferences
- Managing all CSS and Javascript for web projects, supporting all modern web browsers and implementing responsive design
- Contributing to project and sprint planning meetings to establish and understand points of focus for projects
- Gathering project feedback and clarifying business rules prior to development using wireframes and workflow diagrams
- Collaborating with QA, UAT testers, project stakeholders, and various company departments to gather requirements for new projects and identify defects with existing software
- Engineering client facing software both independently and in regular pair programming sessions
- Building new tools and customizing existing software for internal content management
- Designed and built APA's first internally developed iOS mobile app and it's corresponding API, using XCode, Swift, and Python
- Reconstructed APA's main website and all applications from .NET framework to Django, Python and Postgres on cloud-hosted servers
- Supported legacy .NET website and multiple databases during gradual transition to new system
- Assisted management of APA's first hackathon and usability lab, for gathering feedback about new mobile app and revamped website
- Developed and supporting a custom Wordpress theme for Plan4Health, a partner project of APA and APHA
- Refactoring existing code and optimizing database queries and request times
- Guiding other developers through coding obstacles, helping them become familiar with APA's database, code base, and best practices

### ARC MOBILE

*Developer Intern*

Chicago, IL  
June 2013 - Oct 2013

- Contributed to a restaurant mobile payment start-up during its launch in summer 2013
- Designed, developed, tested, and modified the Account Manager HTML5 Mobile App UI, using JavaScript, jQuery, and jQuery Mobile
- Submitted project contributions and resolved issues using Github
- Participated in weekly all hands meetings and communicated to team members using 37 Signals Basecamp

## EDUCATION

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### UNIVERSITY OF CHICAGO

*Bachelor of Arts in Physics*

Cumulative GPA: 3.37/4.0

**Honors:** General Honors, Dean's List 2011-2013

**Relevant Courses:** Intro to Computer Systems, Intro to Computer Science 1 & 2, Computational Physics, Statistical Models and Methods

Chicago, IL  
June 2013

### NORTHRIDGE PREP

*High School Diploma*

**Honors:** Valedictorian Class of 2009, Dean's List 2005-2009, Illinois State Scholar, National Honors Society, AP Scholar

Niles, IL  
June 2009

## VOLUNTEER AND LEADERSHIP ACTIVITIES

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**Tutor/Mentor,** Midtown Educational Foundation, Sept 2012 - Present

Helping 4th-6th grade students achieve academic success and develop good character

**Varsity Baseball,** University of Chicago, 2009-2013

Starting Pitcher, 4 Varsity Letters, OOC MVP Award 2013, UAA Player of the Week (2), All Central Region Team, All UAA Team

## PROGRAMMING LANGUAGES

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**Advanced Knowledge:** Python, Django, Javascript, jQuery, HTML5, CSS3, .Less(CSS)

**Working Knowledge:** Node.js, Swift, XCode, Wordpress (Theme Development), Postgres, SQL Server, Unix, Linux, Apache Solr, XSLT, Bash Shell Scripting