Matthew O'Connor

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PROFESSIONAL EXPERIENCE

AMERICAN PLANNING ASSOCIATION (www.planning.org)   Chicago, IL
UX Developer   Oct 2013 - Present

- Working on a 3-6 person agile development team with bi-weekly sprints, and bi-monthly project milestone releases
- Collaborating closely with QA, UAT testers, project stakeholders, and leaders from various company departments to gather requirements for new projects and identify defects with existing software
- Drafting application workflows and wireframes to gather project feedback and clarify business rules prior to development
- Developing and deploying software for APA's website, CMS, and other projects (Python, Django, Node.js, JS, CSS, HTML)
- Writing and executing scripts for mass data imports, data cleaning, and generating adhoc reports(Python, SQL)
- Managing all CSS and JavaScript for APA projects, supporting all modern web browsers and implementing responsive design
- Organizing codebase, refactoring code to comply with team's standard design patterns, optimizing code performance
- Reconstructed APA's formerly self-hosted .NET website and CMS using cloud-hosted Django framework(Python, Django)
- Designed, developed, and releasing updates for APA's iOS app and corresponding API (XCode, Swift, Python)
- Created Wordpress theme from design deliverables for Plan4Health, a partner project of APA and APHA(PHP, JS, .LESS/CSS)
- Leading development for project to host 50+ APA chapter and 20+ APA division websites(Python, Django, Wagtail)

ARC MOBILE   Chicago, IL
Developer Intern   June 2013 - Oct 2013

- Contributed to a restaurant mobile payment start-up during its launch in summer 2013
- Designed, developed, and tested an account manager HTML5 mobile app, using JavaScript, jQuery, and jQuery Mobile
- Participated in weekly all hands meetings and communicated to team members using 37 Signals Basecamp

EDUCATION

UNIVERSITY OF CHICAGO   Chicago, IL
Bachelor of Arts in Physics   June 2013
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, Experimental Physics, Statistical Models and Methods

NORTHRIDGE PREP   Niles, IL
High School Diploma   June 2009
Honors: Valedictorian Class of 2009, Dean's List 2005-2009, Illinois State Scholar, National Honors Society, AP Scholar

ADDITIONAL PROJECTS AND INTERESTS

Volunteer Tutor/Mentor, Midtown Educational Foundation, Sept 2012 - June 2016
Weekly sessions to help 4th-6th grade students achieve academic success and develop good character
maps (github.com/matthewoconnor/maps), (Python, Django, Celery, AngularJS), Sept 2016 - Present
An application for visualizing location-based government data superimposed onto maps
meowhorn (itunes.apple.com/us/app/id1127488741), (XCode, iOS, Swift), July 2016
A fun iOS app that uses AudioKit, built to refamiliarize myself with the iOS development process (app submission, beta testing, etc.)
Website for Verify Home Inspection Group(verifyhomeinspections.com), (Wordpress, CSS), June - July 2016
Frontend development and content editing for a wordpress website
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

SKILLS

Programming Languages: Python, JavaScript, Node.js, Java, C
Frontend Web Development: HMTL5, CSS, JavaScript, JQuery, .LESS, AngularJS, D3.js, Jade
Web Frameworks: Django, Wagtail, Express.js, Wordpress
Data Management: SQL, Postgres, SQL Server, Apache Solr, Redis, Pickle, SQLite, MongoDB, CSV, JSON, XML, KML
Cloud Technologies: Digital Ocean, AWS (S3, EC2)
Mobile App Development: Swift, iOS, XCode