Nathaniel Meierpolys

345 E Ohio St #4404, Chicago, IL, 60611 • nmeierpolys@gmail.com • (952) 412-3336

Summary

Dedicated developer with experience building quality software in the healthcare industry. Interested in growing the breadth and depth of my experience to become a stronger developer and learn new technologies. Motivated to work on projects that expand technology into new areas and where I can see the positive impact on user experience.

Professional Experience

Elekta Henderson, NV (2011 - present)

Software Development Engineer (2011 - 2015) / Senior Engineer (2015 - present)

- Led an agile team as scrum master, building the foundation for a new platform on web (AngularJS) and service-oriented (WCF) technologies.
- Acted as UCD Champion for the team, advocating for better design and user experience within our products.
- Extended architectural components including the data modeling strategy, widget framework and the internal library of shared controls used across the application.
- Worked on features in the Practice Management and Billing areas including a new Patient Selection window used throughout the product.
- Developed unit tests and automated tests to verify the quality of my work. Part of the Automated Testing team setting the course for automated testing in our new platform.
- Fixed defects and investigated escalated issues from the field.

Phone2Action Henderson, NV (2012 - 2013)

Founding CTO

- Built a mobile web platform from the ground up consisting of apps that enable users to engage with their representatives and take action on important issues.
- Responsible for adapting and expanding the platform based on ideas and feedback from client organizations.
- Integrated with many APIs (e.g. Twilio, SendGrid, Google Maps, Google Civic Information, Twitter, Cicero, Facebook).
- The company was the winner of the 2013 SXSW Interactive Accelerator in the News Technologies category.

Epic Systems Madison, WI (2009 - 2011)

Software Developer

- Overhauled the visual layout and API used company-wide for generating HTML reports and RTF printouts, improving usability and visual appeal. Reports were used to lay out information throughout the application as well as for printed materials.

- Introduced support for bi-directional reports to display both right-to-left and left-to-right scripts side by side.
- Led an effort to make our team's reports easier to read, configure and maintain.
- Supported junior developers with mentoring and code review.

Projects

VegasTech App for SXSW (2013)

Collaborated with several developers and designers in the VegasTech community to build an iOS/Android/ web app promoting the VegasTech community at SXSW. The project gave me a chance to try out new tools like Cordova, NodeJS, Parse, Heroku, Urban Airship, and jQTouch.

Trip Log iOS App (2011 - present)

I developed an iOS app which passively keeps track of where the user has been over time as a way of learning iOS/Objective-C development. Since release I have incorporated feedback from users in incremental releases and used the app as a platform for experimenting with the iOS environment.

Fast watershed image segmentation (2008)

Developed a fast algorithm and program capable of segmenting an image into logical segments in linear time, an improvement on other $O(n^2)$ and $O(n^3)$ algorithms.

Education

Saint Olaf College Northfield, MN (August 2005 - May 2009)
Bachelor of Arts, Computer Science, Physics (GPA: 3.42 / 4.00)
Courses: Algorithms and Data Structures, Operating Systems, Programming Languages

Technical Skills

Languages	JavaScript, Objective-C, HTML5, CSS, PHP, C#, C++, ColdFusion
Frameworks and tools	AngularJS, .NET, WCF, Laravel, jQuery, Jasmine, Protractor, Bower, NUnit, Cordova, Jenkins, Parse, TestFlight, SendGrid, Twilio, Google Maps, Google Civic Information API,
Database	MSSQL, MySQL
Version control	Git, SVN