# Mike Trakan

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## Software Engineer (Senior-Level, Front-End, JavaScript Web Applications)

*PointSource, LLC
August 2016 -
September 2017*

- Conceived and delivered a modular, highly-customized form interface (UI) using AngularJS
- Flexibly implemented client-requested UX, design and data model changes, during year of agile iterations
- Helped company earn a multi-year contract extension through high-quality deliveries
- Front-end leadership and management contributions on a cross-disciplinary team:
  - Collaborated with design leads on theming and UX; CSS/Sass expertise to bring designs to life
  - Worked with backend developers to flush out and model RESTful APIs
  - Consumed JSON endpoints for concurrent users, handling asynchronous responses with promises
  - Onboarded and empowered new front-end teammates when the project ramped up
  - Oversaw growth of client-side unit test coverage to minimize regressions
  - Supervised Git repository for UI's development branch, providing code reviews and merging pull requests
  - Managed continuous integration to automate builds/deployments to the testing environment
  - Prioritized daily communication with offsite project management and offshore QA team, to help unblock teammates, monitor acceptance criteria, and facilitate division of labor
  - Proposed and influenced agile methodologies, improving sprint planning and estimates
  - Drafted flow-chart for new employee deck, visualizing how remote offices might improve collaborations

## Senior Front-End Developer (JavaScript Web Applications)

*Caxy Interactive
2014 - 2016*

- Two years building enterprise applications and marketing sites with AngularJS and ReactJS
- Demonstrated proficiency with CSS and theming techniques; Worked closely with designer/UX leads
- Final project was nominated for an Acquia Engage Award, in the "Decoupled Drupal" category

## Software Developer (JavaScript Map Applications)

*SpatialPoint, LLC
2012 – 2013*

- Helped a small GIS (Geographic Information Systems) team build MVC JavaScript map applications for the telecommunications industry using Sencha's ExtJS framework and the Bing Maps API

## Web Developer (Content Management Systems - CMS)

*Arc Technology Group
2011 – 2012*

- Emerged as team's front-end specialist, providing custom jQuery components and CMS templates
- Through our team's efforts, the company reported a 40% profit growth, best in company history

## GIS Specialist (Mapping Technologies, Non-Profit)

*Tutor/Mentor Connection
2008 - 2011*

- Merged design and GIS skills to create strategy maps for the tutor/mentor community, at a student-based non-profit organization
- Wore several leadership hats: Organizer for a successful benefit concert fundraiser, curator of a public map gallery, and volunteer teacher for the program's 10th grade "Tech Club"

## Teacher, Volunteer Tutor (Chicago Public Schools - CPS)

*Al Raby High School
2006-2008*

- Developed philosophies on leadership and social behavior during pursuit of graduate level degree in Education, while concurrently teaching/tutoring CPS high school freshmen and sophomores

# Mike Trakan

## Core Technology, Tools and Software Experience

### JavaScript

ECMAScript (ES5, ES6, Babel); Libraries (ReactJS/Flux, jQuery 2.x, Lodash); MV* frameworks (AngularJS 1.x); Mobile hybrid (Ionic 1.x)

### HTML5/CSS3

Hand-coded HTML5/CSS3; Adaptive layouts; Responsive grids; Precompilers (Sass); UI frameworks (Bootstrap 3.x, Material Design); SVG; CSS transitions/animations

### Web Services (Front-End Support)

API planning/design; Endpoint consumption; Asynchronous requests/responses (promises, AJAX, callbacks); JSON; REST; Client-side authentication (JWT); Concurrent user support

### Fullstack/Databases

Middleware (Node.js, Express); SQL, MySQL 5.x; NoSQL (MongoDB, Mongoose); Oracle 9i; Schema design; Real-time data

### Testing, Code Quality

Unit testing (Karma, Mocha/Chai/Sinon); ESLint; W3C validators; Cross-browser; Continuous integration (Jenkins)

### Project Tools/Environment

Task runners/bundlers (Gulp, Grunt, webpack); Version control (Git, GitHub); Package managers (Bower, npm)

### Design/Creative

UX ("Co-Design"); Prototypes; Adobe CC 2015 (Photoshop, Illustrator); Marketing materials; Music/video production

## Soft Skills

### Learning

Knows where to look for answers and when to ask questions; Able to quickly adapt new technologies and client requirements; Humbled by the industry – always excited to learn more

### Teamwork/Agile

Self-monitoring if required, but an agile team-player at heart; Just as happy with the assist as I am scoring the goal; Prizes mutual respect, trust, collaboration, and the rare "jelled team"; Open to new ideas and never the "derailer" in the room

### Communication

Shares information and communicates in timely manner so others aren't blocked; Recently called "thorough" in my detail orientation and preparation; Not afraid to raise hand when I feel something is wrong, lost, offtrack or forgotten

### Leadership

Graduate degree in Education; Experienced managing front-end processes; Experienced consulting, training, onboarding and mentoring; Reflective with a developing leadership philosophy; Strong believer in "lead by example"

## Multimedia and Marketing

Independently wrote, produced, designed and promoted two full-length CDs, released in 2007 and 2012

## Education

### Master of Education

DePaul University,
Chicago, IL

Teaching and Learning:  Secondary Social Studies

### Bachelor of Arts

University of Wisconsin
Madison, WI

International Relations, French

## Training/Certifications

### Object Oriented Design and Development Certificate

Loyola University
Chicago, IL