

Taylor D. Callsen

213 Courthouse Circle, Vienna, VA 22180 | (202) 503-8377 | taylor.callsen@gmail.com

OBJECTIVE

Seeking to apply my diverse technical experience, communication abilities, and interpersonal skills to build sustainable solutions in a fast-paced team environment.

SKILLS

- JavaScript ES6, HTML5, CSS
- REST API creation and interaction
- Git in team-based setting
- ReactJS / Flux
- Unix/Linux proficiency
- Interpersonal and team communication
- Java, JSP, and Spring MVC
- AWS familiarity (EC2, S3, ETC, SNS)
- Direct communication with clients and technology partners
- Python 2.x / Django
- MySQL, Postgres/PostGIS, MSSQL
- Microsoft Office Suite, Visio
- PHP / Wordpress
- Apache, IIS, NginX, Tomcat

WORK EXPERIENCE

Software Engineer (Swoop Search LLC) | Madison, WI / Remote | Jan 2015 to present

- Perform front-end web development in React / Flux environment with ES6 features; utilize HTML, JavaScript, and CSS in modern gulp-based workflow
- Interact with RESTful APIs hosted by partner organizations exposing JSON, XML, and satellite imagery
- Build data connectors into GIS datasets including flat files (e.g. OSM XML, SHP, KML, NITF/raster), Postgres/PostGIS, RESTful APIs (e.g. ESRI), and OGC standard Web Services (i.e. WMS, WFS)
- Lead software deployment and debugging sessions in production Red Hat Enterprise Linux environments; often requires application debugging, network/connectivity testing, and OS/webserver reconfiguration

Web Developer, Adobe CQ/AEM (Deloitte Consulting LLP) | Remote | April 2013 to Jan 2015

- Developed front-end modules and back-end data persistence in Java-based CMS with over 500 active users
- Worked directly with client and functional team-members to understand business needs when designing new features
- Developed detailed front-end map components that matched artistic mockups produced by in-house designers
- Coached junior developers through solution design and implementation enabling timely delivery and completion

Data Analyst (Deloitte Consulting LLP) | Washington D.C | April 2012 to Dec 2012

- Developed web-based reporting dashboards on relational data housed in MSSQL databases
- Worked closely with ETL team to create star schema data models; wrote SQL queries to validate report results
- Utilized jQuery and CSS to ensure report appearance adhered to functional design mockups

PERSONAL PROJECTS

Graph-based GPS Routing Application, N/A | March 2017 to present

- Producing the “best walkable route” through city given user preferences (e.g. commercial districts, landmarks/parks, etc.)
- Utilizes OpenStreetMap data hosted in graph database, with mixture of custom and existing graph traversal algorithms used for route discovery (e.g. Dijkstra, Genetic Algorithms)
- React/Reflux front-end reacts to messages pushed from Java back-end as new routes become available

AWARDS & CERTIFICATIONS

- **Adobe Certified Expert – Adobe CQ5/WEM Component Developer** –Jan 2014
- Received five performance recognition awards while employed at Deloitte Consulting LLP (July 2010 – Jan 2015)
- Graduated undergrad as Cum Laude; received Outstanding Senior in [Major] Award; present on Dean’s List all semesters
- Studied abroad in Antwerp, Belgium; enrolled in history and business classes taught by European professors
- High School All-District Varsity Lettermen; received two Scholarly Athlete Awards