

Work Experience

Chemistry

Pittsburgh, PA
Full Stack Engineer
January 2019 – Present

Junior Front End Engineer
December 2017 – December 2018

Chemistry is a full-service advertising and marketing agency that works on both national and local projects.

- Collaborated with graphic designers, account executives, and QA to complete complex animations and designs.
- Shipped high quality, customer approved, code on truncated timelines after upstream issues threatened project deadlines.
- Established guidelines for collaborative work amongst developers to make communication and code updates more streamlined.
- Tasked as the lead developer on an in-house desktop application project for one of our most important clients. Acted in a senior capacity for this project, making architecture and data structure decisions.

Epic

Verona, WI
Integration Engineer & Project Manager
August 2015 - November 2017

Epic creates electronic health record software. Integration engineers work with all aspects of data transmission between Epic and other systems - from developing interfaces to guiding customers through an installation process.

- **Denmark Project** - Developed new interface types for Denmark and worked with the customer team to install the software in their hospitals.
- Successfully certified to a new messaging standard in a foreign country (Denmark) while working in both large existing codebases, and smaller more niche areas of the codebase.
- Shipped high quality code on tight timelines to ensure go-live timelines would not be delayed.
- Conveyed complex technical concepts in plain english to avoid mistranslations with our Danish counterparts.

ASCENT Lab

Case Western Reserve University,
Cleveland OH
Research Assistant
June 2012 - July 2014

At the Alsberg Stem Cell & Engineered Novel Therapeutics (ASCENT) Lab in the Biomedical Engineering department of Case Western Reserve University, I worked with postdoctoral member Dr. Minh Khanh Nguyen.

- Responsible for designing and executing various timed release, degradation, and differentiation experiments.
1. "Sustained localized presentation of RNA interfering molecules from *in situ* forming hydrogels to guide stem cell osteogenic differentiation" (June 2012-May 2013, Accepted to *Biomaterials*). **4th Author**.
 2. "Photocrosslinkable, biodegradable hydrogels with controlled cell adhesivity for prolonged siRNA delivery to hMSCs to enhance their osteogenic differentiation" (February 2013-July 2014, Accepted to *Journal of Materials Chemistry B*). **4th Author**.

Technical Skills

I have experience with, but am not limited to the use of: HTML, CSS, Bootstrap, Javascript, Angular, JQuery, React, React Native, Flux, JSON, Electron, Node.js, PHP, M, XML, HL7v2, WordPress (and WordPress APIs), and Git

Additionally, I have hobbyist and classroom experience with the use of: Python, Java, Vue, and Matlab.

Education

B.S.E. Biomedical Engineering - May 2015
Case Western Reserve University, Cleveland OH