

EDUCATION **Purdue University Northwest** *Expected May 2021*
B.S. Computer Science; GPA 3.87/4.0; Dean's List

EXPERIENCE **Federal Reserve Bank of Chicago** *Jun 2020-Aug 2020*
Application Developer Intern

- Worked with engineers to build web apps for the Federal Reserve's 7th district.
- Designed and implemented an improved database architecture to centralize the relational data of employee hardware and software.
- Displayed initiative by identifying defects in applications and implementing fixes.
- Implemented features, using Angular, TypeScript/JavaScript, C#/.Net, and Entity Framework, for internal apps related to budgeting, information security, etc.
- Collaborated with fellow Bank IT interns on leveraging AWS cloud to create Docker images and containers in an external, secure environment.
- Teamed up with other Bank interns to create a proposal for Navigate7, an interactive, web-based virtual map of the Bank (awarded 3rd place out of 15).

Applied Systems

Web Application Developer Intern

May 2019-Aug 2019

- Adopted the Atomic Design Methodology and built a custom design system containing user interface components and layout and typography utilities.
- Created a command-line app with C# and .Net Core to publish events via REST.
- Built a web app dashboard, using JavaScript/TypeScript, React, Styled-Components, and Redux, that subscribed to Salesforce Platform Events.
- Wrote tests using Jest and NUnit, mocking asynchronous network calls.

Connect-123 International

Freelance Web Developer

Jun 2017-Oct 2017

- Implemented an improved inquiry flow to acquire more students for internships.
- Wrote a WordPress plugin in PHP that sent data to Salesforce & calendar APIs.
- Built a calendar UI element using jQuery that fetched dates and times via an API.

PROJECTS **Torrey** github.com/matthewkosloski/torrey *Winter 2021*

A statically-typed, Lisp-like programming language. The compiler, written in Java, compiles the source program to x86-64 assembly code.

Polysent github.com/matthewkosloski/polysent *Winter 2016*

A single page app, built on the MEAN (MongoDB, Express, Angular, Node.js) stack and running in a Docker container, that lets users interact with polls.

SKILLS RESTful API development, front-end web development, full-stack JavaScript, unit testing, web accessibility, responsive web design, object-oriented programming

LANGUAGES **Proficient:** HTML 5, CSS 3 & Sass, JavaScript ES6 & TypeScript
Familiar: Java, C#, PHP, SQL

TOOLS **Environment:** Git, Bash, Webpack, Gulp, Linting, VirtualBox, Vagrant
Applications: Digital Ocean, NPM & Node.js, GatsbyJS, MongoDB, Jira, Confluence
Frameworks/Libraries: React, Express, Redux, Socket.io, Jest, Enzyme