

## EDUCATION

Bachelor of Science in Computer Engineering, Drexel University, Philadelphia, PA.

## SKILLS

Computer Languages:	C#, TypeScript, JavaScript, COBOL
Web Development:	Node.js, Express.js, GatsbyJS, Spring Framework, Nginx
Databases:	PostgreSQL, PostGIS, DB2
Operating Systems:	Linux (Debian based), Windows, z/OS

## WORK EXPERIENCE

### **JPMorgan Chase & Co., July 2017 - Present, Wilmington, DE**

Software Engineer - Automated Credit Application Processing Systems (ACAPS)

- Technical lead of agile team developing mission-critical software that instantly decisions credit card applications
- Lead team's adoption of Splunk and helped identify vital metrics used for application monitoring
- Architected and implemented first use of external vendors for credit card premium eligibility check
  - Solution ultimately required use of several technologies including COBOL, Java, DB2, HTTPS and CICS

### **JPMorgan Chase & Co., April 2016 - July 2017, Wilmington, DE**

Implementations Engineer - Managed File Transfer Services (MFTS)

- Implemented secure file transfers between the bank and its clients across multiple platforms and networks
  - Supported following file transfer protocols: SFTP, FTPS, HTTPS, AS2 and IBM Connect:Direct
- Assisted in development of internal Spring Boot web service
  - Configured application for seamless deployment across several environments using Maven and Jenkins

### **Muenster University of Applied Sciences Software Eng. Lab, April 2015 - September 2015, Muenster, Germany**

Research Assistant/Software Engineer

- Assisted in expansion of "Naviki" - a navigational platform for bicycles – to ubiquitous computing devices
  - Accomplished through development of an Android application for the Recon Jet HUD
- Participated in laboratory PhD study analyzing the effects of wearable technology use on running form

### **Comcast Corporation, September 2014 - December 2014, Philadelphia, PA**

Comcast Innovation Management Program

- Project manager of co-op project/website
  - Led team of six co-ops in early development of a web application implementing the MEAN stack
- Contributed as backend web developer of internal "Ideation" web portal
  - Refined code and improved search results through interfacing with Elasticsearch and Kibana

### **Comcast Corporation, April 2014 - September 2014, Philadelphia, PA**

Messaging Engineering

- Member of agile group managing all Comcast residential email operations
- Tasks included configuring database replication, writing Cron jobs and porting LDAP data to MongoDB for analysis
- Participated in company-wide co-op project as backend web developer
  - Designed Node.js API for interfacing between MongoDB instance and AngularJS front-end

## PROJECTS

### **svdpwilm.org**

- Architected and implemented geolocation-based RESTful service using Express.js, TypeScript, PostgreSQL & PostGIS

### **briarwoodrunningcamp.com**

- Currently configure and administer WordPress site for a local running camp hosted on DigitalOcean

### **alexchro.info**

- Designed, developed and deployed GatsbyJS personal webpage hosted on DigitalOcean