

ALEX TOTTEROH

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21120 Darnel Ave

Bend, OR 97702

EDUCATION

Indiana University – Bloomington, Indiana

Bachelor of Science in Computer Science

Specialization: Intelligent Systems

Major GPA: 3.96

- Accelerator Scholarship recipient (merit based)
- 1st place Undergraduate Research Colloquium

May 2016

Indiana University – Bloomington, Indiana

Bachelor of Arts in History

Concentration: American History

Minor: Western European Studies

July 2013

WORK EXPERIENCE

Lead Software Engineer

(IoT Security on the Blockchain)

Comcast

Philadelphia, PA

January 2018 – Present

- Work with team of 5 to design and build backend and various clients supporting custom blockchain ledger for IoT security (Java, Scala, React/Redux, AWS)
- Regularly verify system supports required load (~1k rps)
- Designed and built frontend from the ground up (React, Redux, Material UI)
- Design and implement Java microservice endpoints
- Design and implement server/deployment infrastructure and shell scripts (AWS including Lambda, ECS, DynamoDB, Route53, SQS, etc.)

Software Engineer II

(Financial Risk Management)

NextGear Capital

Indianapolis, IN

June 2017 – January 2018

- Worked with team of 12 to build ACH payment software processing well over \$1 million per night
- Java 8, Spring, JavaScript, React/Redux: backend and frontend development
- Monolith to microservices transition: shared responsibility for both high level system architecture and lower level implementation
- Internal and external apps: work closely with internal users, Product, and UX to deliver the most valuable features

Software Engineer II

(eCommerce/Monetization)

Angie's List

Indianapolis, IN

May 2016 – June 2017

- Worked with a team of 10 to build project management software for service providers on both web and mobile platforms from the ground up
- Cross-functional development: backend, frontend, and mobile
- Scala, Java 8, Android, JavaScript, React/Redux
- Work closely with Product and Architecture to meet deadlines while minimizing technical debt

TECHNICAL SKILLS

Languages

- Java
- Scala
- JavaScript
- Android

Web Development

- React/Redux
- SQL
- HTML
- CSS

Miscellaneous

- AWS
- MVC Frameworks
- Microservices
- Git
- Scrum