

# Chris Wininger

[chris.wininger@gmail.com](mailto:chris.wininger@gmail.com) // [LinkedIn](#) // [chriswininger.com](http://chriswininger.com)

## PROFILE

Chris is conversant in many languages and stacks and enjoys the challenge of a complex code base. He excels at selecting the best technology for his team and soaking up insights from colleagues. Having worked closely with security research teams and frequented Defcon, he is security conscious and diligent about keeping business, security, and maintenance needs aligned.

## EXPERIENCE

### Sr Software Engineer

Sonatype

2018 – Present

Fulton, MD

- Top tier contributor to several mission-critical and high-profile projects:
  - Lift: a flagship product that analyzed code quality and software components
  - Lifecycle: an industry leading platform for Software Component Analysis
  - Nexus Repo Manager: a widely used product for hosting software packages
- Team lead on multiple projects; sequenced, prioritized, and scoped work alongside management as part of a PDLC process
- Worked closely with Principal and Staff Engineers to align product specs and technical vision for long term stability
- Developed code in Java, Kotlin, Haskell, Scala, and React to integrate and standardize newly acquired code into Sonatype offerings
- Supported the Business Intelligence team in creation and collection of critical metrics used to filter vulnerability data for customers and measure progress toward OKRs
- Collaborated with Project Management to develop new algorithms for prioritizing discovered vulnerable components and presenting them to customers
- Engaged in user interviews and design sessions, helped to collect and analyze qualitative feedback to drive product market fit
- Interviewed engineering candidates and mentored Junior engineers and interns
- Collaborated externally with Open Source contributors such as the Refactor First project to integrate new features into the Lift offering
- Developed code for data pipeline and ingestion processes that consume unstructured vulnerability data from the internet and refine it into queryable data sources for products
- Worked with the Security Research team to enhance the internal discovery tools. Updated and standardized Angular 2 code for maintainability, monitorability, and security.
- Trained neural networks to prioritize security research for “Innovation Week” project
- Selected to represent Sonatype on its Hackathon team, assisted with data acquisition and transformation for model training, and created a demo for our parent company

### Full Stack Developer | Lead Backend Developer

airSpring Software

2013 – 2018

Lexington, KY

- Led development of multiple features for airSpring, a complex NodeJS application that gave customers a low-code drag and drop interface for building web applications

- Worked under pressure in a fast paced startup environment, wearing many hats – often combining design, frontend, backend and architecture into a single role
- Notable contributions, developed:
  - A storage and synchronization mechanism that allowed applications developed on the airSpring platform to function offline
  - An application packaging and deployment system for maintaining application state across multiple server instances
  - A web API builder which allowed users to design custom web APIs with minimal code
- Spoke with potential customers and strategic partners, gave demos and fielded questions
- Conducted technical interviews and participated in selection of new developers

## **Senior .Net Consultant**

2011 – 2013

Aspect Software

Chelmsford, MA

- Worked closely with clients to provide custom software solutions using C#.Net, SharePoint, Active Directory, and SQL
- Updated and maintained existing client applications
- Participated in regular scrums and meetings with members of the development team

## **Programmer**

2008 – 2011

The Legislative Research Commission

Frankfort, KY

- Delivered line-of-business applications for the state legislature, providing services such as bill drafting, statute search, committee appointment, and printing of session minutes

## **VOLUNTEER WORK**

### **Infinite Industries**

Chris is passionate about the intersection of art and technology. Since 2017 he has collaborated with UK professor of fine arts, Dima Strakovsky, to build [Infinite Industries](#), a non-profit technology platform that promotes musicians and art events in Kentucky.

## **PERSONAL PROJECTS**

- Fong Phone: A synthesizer in your pocket intended for performance art, soundscapes, and teasing pets, published to IOS and Android app stores
- Every Picture Tells a Story: A gallery piece that converts images to ASCII art containing fragments of text in real time, presented to the viewer as an interactive mirror of words
- And many more: [chriswininger.com](http://chriswininger.com) | [wegotrats.com](http://wegotrats.com)

## **EDUCATION**

### **BA in Computer Science; BA in Russian Language**

2002 – 2006

Indiana University, Bloomington, IN

### **CIEE Study Abroad**

2005

Saint Petersburg State University, Saint Petersburg, Russia

## **SKILLS**

Java, Kotlin, JavaScript/TypeScript, React, Vue, Angular, Python, C#, C/C++, Ruby on Rails, SQL, NoSql, Jenkins, Github Actions, Selenium, Docker, Kubernetes, Terraform, AWS, Azure, Nginx, Apache, Linux