

# Kristian Snyder

[kristiansnyder.com](http://kristiansnyder.com)  
[snyderkristian@gmail.com](mailto:snyderkristian@gmail.com)

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## Education

MS & BS, Computer Science – **4.0 & 3.93 GPA**

*University of Cincinnati – Class of 2020*

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## Work Experience

### **Full Stack Development Intern**

*GE Aviation (Winter 2018 - Present)*

- Developing a **data collaboration platform** for suppliers to promote efficient supply chain processes
- Working in **Java Spring Boot, Vue.JS** with modern **continuous integration systems** in Jenkins

### **Platform Automation Intern**

*GE Aviation (Summer 2018 - Fall 2018)*

- Rearchitected an **automated AWS cloud infrastructure provisioner** for team-monitored applications
- Integrated monitoring into Microsoft Teams through **AWS Lambda** to enable cost-efficient automated alerts on build failure or success

### **Application Development Intern**

*Great American Ins. (Summer 2016 - Summer 2018)*

- Contributed features to a client-facing web application for enrolling specialty assets in insurance policies
- **Decreased search time 10x** using microservice architecture and message queuing

### **Frontend Web Development Intern**

*University of Cincinnati IT (Fall 2015 - Spring 2016)*

- Redesigned website with **responsive design** and **dynamic content** with **jQuery** and [Yahoo Query Language](#)

### **Business Intelligence Intern**

*LP Enterprises LLC (Spring - Fall 2015)*

- **Created and migrated automated reports** in Microsoft SQL Server Reporting Services with SQL Server 2015

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## Leadership

### **Sponsorship Lead, Hackathon Organizer**

[RevolutionUC](#) (Fall 2017 - Present)

- Recruited **15 corporate sponsors** and planned **300+ attendance 24-hour hackathon**
- Currently the largest and **most successful university hackathon** in Cincinnati

### **Co-Founder, Organizer**

[MakeUC](#) (Summer 2018 - Present)

- Founded a **100 student 12-hour hardware-software hackathon** for UC computing majors in Fall 2018.

### **Vice Chair**

[ACM@UC](#) (Spring 2018 - Present)

- Organized meetings for local chapter, including sessions from area companies to help educate computing students at the University of Cincinnati on academic topics and industry experience

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## Projects

### **GE GhostRed Winner (2017)**

Utilized **Shodan** and **protocol analysis** to locate vulnerable devices publicly available on the internet

### **Spotkov - Spotify Playlist Generator** (located at [spotkov.crouton.io](http://spotkov.crouton.io))

- Created **Markov chains** with the listener's play history to determine songs that she would like to hear
- Uses **Go** and **Redis** for high performance, **deployed on Heroku**

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## Tools and Languages

**C#, Go, Java, Python | TypeScript, Angular, Vue.js | Docker, Jenkins, AWS | RabbitMQ, PostgreSQL, Redis, FoundationDB**

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