

Luke Giacalone

Highly motivated computer science student with five summers of software development experience looking for my next challenge.

Professional Experience

NETSCOUT Systems, Inc

Westford, MA

NETSCOUT is a provider of network service assurance and security solutions.

Summer 2019—Full-Time Applications Intern

- Performed user research to understand needs and requirements for the corporate intranet
- Designed new SharePoint pages for the intranet, including main landing page and employee directory pages
- Wrote custom plugins for SharePoint to extract data from sources including Microsoft Graph and display them within the SharePoint environment

Stanford University School of Medicine

Stanford, CA

I worked full-time during the summer and part-time during the school year in a software development group integrating electronic medical records into a centralized, searchable database.

Summer 2018—Software Engineering Intern

- Developed a web application that aggregates patient and specimen data from electronic medical records into a single database
- Integrated Elasticsearch and Kibana with proprietary software to make this data easily searchable
- Developed a web application to manage biorepository samples and data

iSpecimen Inc

Lexington, MA

iSpecimen is a small biotech company with an online marketplace that allows medical researchers find patients and specimens they need for their research.

Summer 2017—Full-Time Software Engineering Intern

- Worked on the development and coding of an online, two-sided marketplace
- Assisted product management team with the specification and design of marketplace features
- Implemented *Domo* business intelligence software, connecting and visualizing *Salesforce*, *Google Analytics*, *Intacct*, and proprietary internal data

Summer 2016—Full-Time Software Engineering Intern

- Developed web-based software to help laboratory personnel manage their operational workflow
- Consulted with external users on product features and helped troubleshoot problems post-release

Summer 2015—Part-Time Technology Intern

- Investigated and analyzed third-party software to de-identify patient records
- Wrote tests using *Selenium* to automate the software QA process

Contact

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Education

University of Chicago

Candidate for BS in Computer Science and BA in Economics, Class of 2021

GPA: 3.62

Relevant classes include:

- Data Structures
- Algorithms
- Artificial Intelligence
- Honors Introductions to Computer Science
- Honors Introduction to Computer Systems
- Networks and Distributed Systems
- Discrete Mathematics
- Cryptocurrencies
- Microeconomics

Skills & Interests

Programming:

Java, JavaScript, HTML, CSS, JSP, MySQL, PostgreSQL, Elasticsearch, Python, C, Haskell, x86, TypeScript

Microsoft Office:

Word, Excel, PowerPoint (and Google equivalents)

Business Tools:

Domo, Salesforce, Google Analytics, SharePoint, Microsoft Graph API

Interests:

Theater Tech, Skiing, Piano, Coding Personal Projects