

# Jonathan Wein

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## EDUCATION:

New Jersey Institute of Technology, Newark, NJ

Bachelor of Science, Computer Science | May 2020

- Albert Dorman Honors College | Cum Laude

## WORK EXPERIENCE:

DevOps Intern

NJM Insurance Group, West Trenton, New Jersey | June 2019 - August 2019

- Programmed deployment tools (Environment Matrix) for the Development Operations team and Product Managers to help deploy updates; utilized Java on a Tomcat Server, SQL Server, HTML/CSS, JavaScript.
- Prototyped Ansible, Chef, and Puppet for an upcoming Configuration Management update.

Software Engineering Intern

G.S. Robotics, Green Brook, New Jersey | June 2017 - August 2017

- Helped program security drones at a startup company using Python and various libraries.

Sales Associate

Follett Bookstore, Newark, New Jersey | August 2018 – August 2019

- Provided excellent customer service, managed merchandise, and handled money.

## PROFESSIONAL ASSOCIATION:

Academic Tutor

Association for Computing Machinery, Newark, New Jersey | August 2017 – May 2020

- Tutored peers in various computer science classes with subjects including: Data Structures, Computer Architecture, Computer Networks, Operating Systems, Databases, and Scripting.

## PROJECTS:

SocialNetworkSimulator (Independent Study Research)

- Software that enables spatio-temporal social network analysis and simulation (Python)

Break Ice Mobile Application

- Practice interviewing with a mobile application (funded by NSF I-Corps Grant)

HTTP Client and Server

- Uses the HTTP protocol to fetch a file, cache it, and use conditional operations on a TCP socket.

Personal Website

- jonwein.github.io

## SKILLS:

Languages and Software

- Python, SQL, C, C++, Java, HTML, CSS, jQuery, JavaScript, Bash/Shell, PHP
- Windows, macOS, Linux, Visual Studio/TFS, MatLab, Microsoft Office, Adobe Photoshop, Eclipse, Xcode, Vim, MySQL, SQL Server, Puppet, Ansible, Chef, Git, Tomcat

## EXTRACURRICULAR:

- Founder of Software Development Club, Programming Team, Phi Sigma Kappa International Fraternity, Special Olympics of New Jersey