



# NICHOLAS TILLMANN

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## Skills

- Java, Python, C
- Javascript, Typescript
- HTML, CSS/SCSS, Bootstrap
- Vue.js, React.js, Next.js
- Node.js, Express.js, Passport.js
- MySQL, Redis, S3, IBM Cloud, Elastic Search
- JIRA, Confluence, Gitlabs, SonarQube, Figma
- Docker, Kubernetes, Cypress, REST APIs

## Education and Training

**Bachelor of Science:** Computer Science Expected in 05/2023  
University of Pittsburgh | PA  
**Relevant Coursework:** *Applied Statistics, Calculus I/II, Intermediate Programming, Discrete Structures, Data Structures, Computer Organization, Assembly Language, Systems Software, Algorithmic Implementation, Web-Development, Formal Methods in Computing*

## Experience

**Software Engineer Intern** 05/2022 - 09/2022  
IBM | Remote

- Retail Thefts Insights Team (RTI), building out software to help retail institutions improve efficiency and effectiveness of asset protection, theft, aggravated crime, and fraud management utilizing a portfolio of AI-infused tools hosted on IBM Cloud
- Built out branded login page for portals using Typescript, Next, Express, Node, IBM Carbon Design
- Implemented RESTful APIs to handle logic for logging in, resetting passwords, and sending reset password emails/confirmations
- Implemented E2E site wide Cypress integration tests to deploy on weekly cadences for quality assurance of application
- Wrote Python scripts to grab App ID tokens from IBM Cloud to add users, remove users, list users, and check user activity, all to help streamline the process for onboarding retailers

**Software Engineer Intern** 06/2021 - 01/2022  
Leidos | Reston, VA

- Annex Intelligence Team
- Worked alongside agile software engineering team to design, develop and implement web and mobile apps for the US National Counter Terrorism Center
- SCRUM methodology, attending daily standup meetings, weekly proposals for new features, and retrospective plannings
- Primarily worked on web portal utilizing Javascript, Vue, Vuetify, HTML, CSS, SCSS
- Experience utilizing following tools/frameworks: JIRA, Docker, GitLabs, SonarQube, Git, Postman, MySQL, Tomcat, Redis, S3, Elastic Search, Eclipse, Ubuntu

**Founder** 06/2020 - 12/2020  
Cookbook | Philadelphia, PA

- Developed production, test and beta websites using various software programs
- Deployed and implemented mobile applications using Flutter- an open-source UI software development kit created by Google
- Mobile application development using Flutter & Dart packages from Swift
- Firebase database implementation, user authentication w/ Firestore

## Websites, Portfolios, Profiles

- <https://linkedin.com/in/nicholastillmann>
- <https://nicktill.github.io>
- <https://cookbookofficial.com>

## Work Eligibility

**Tri-Citizen** (EU & UK Eligibility)

- United States
- United Kingdom
- Germany