



NICHOLAS TILLMANN

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Linkedin

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: Web-Development, Data Structures, Discrete Structures, Intermediate Programming, Algorithmic Implementation, Computer Organization, Assembly Language, Systems Software, Formal Methods in Computing, Applied Statistics, Calculus I/II

Experience

Software Engineer Intern 05/2022 - 09/2022

IBM | Remote

- Worked on the Retail Thefts Insights Team (RTI), building software to improve retail institutions' asset protection and crime/fraud management utilizing AI-infused tools on IBM Cloud
- Developed a branded login page for portals using TypeScript, Next, Express, Node, and IBM Carbon Design
- Implemented RESTful APIs for logging in, resetting passwords, and sending password/confirmation emails
- Wrote Python scripts to streamline the retail onboarding process, adding/removing users and checking user activity
- Developed site-wide Cypress E2E tests for CI/CD pipeline to ensure weekly quality assurance updates

Software Engineer Intern 06/2021 - 12/2021

Leidos | Reston, VA

- Worked alongside Annex Intelligence team to design, develop and implement web and mobile apps for the US National Counter Terrorism Center using SCRUM methodology.
- Primarily worked on a web portal using Javascript, Vue, Vuetify, HTML, CSS, and SCSS.
- Utilized various tools and frameworks, including JIRA, Docker, GitLabs, SonarQube, Git, Postman, MySQL, Tomcat, Redis, S3, Elastic Search, Eclipse, and 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