



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
University of Pittsburgh | PA

Expected in 05/2023

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

- Retail Thefts Insights Team (RTI), building out software to help retail institutions improve efficiency and effectiveness of asset protection, 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 logging in, resetting passwords, and sending reset password/confirmation emails
- Developed site-wide Cypress E2E integration tests for the CI/CD pipeline to ensure weekly cadence quality assurance updates
- Streamlined retail onboarding process by writing Python scripts to grab App ID tokens from IBM Cloud to add users, remove users, list users, and check user activity

Software Engineer Intern

06/2021 - 12/2021

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