



NICHOLAS TILLMANN

ntillmann1439@gmail.com | 610-908-5760 | Wynnewood, PA 19096

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: 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 IBM Cloud AI
- 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 site wide Cypress integration tests to deploy on weekly cadences to ensure dynamically rendered DOM content is accurate
- 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