NICHOLAS TILLMANN

Software Engineer

📞 610-908-5760   @ ntillmann1439@gmail.com   🔗 https://nicktill.github.io   📍 Pittsburgh, PA

SKILLS

Languages

`Java` `Python` `Javascript`

`Typescript` `C`

Frameworks

`Next.js` `React.js` `Vue.js`

`Node.js` `Express.js` `Angular.js`

`Passport.js`

RECENT PROJECTS

GradeMyAid

📅 09/2022 - 12/2022   📍 Pittsburgh, PA

Financial Aid Tool

https://cs1530-finance-group.vercel.app/

- Financial aid tool using Next/React.js and *CollegeScoreCard* API, offering a user-friendly interface for comparing financial aid packages from varying universities
- *https://github.com/nicktill/crypto-tracker*

CryptoTracker

📅 10/2022 - 12/2022   📍 Pittsburgh, PA

Crypto Tracker

https://crypto-tracker-nicktill.vercel.app/

- Crypto tracker application using Next/React.js, *CoinGecko* API to retrieve the latest crypto market data
- *https://github.com/nicktill/crypto-tracker*

Cookbook

📅 05/2020 - 12/2020   📍 Philadelphia, PA

Recipes Manager

https://www.cookbookofficial.com/

- Social media integrated recipes manager app using Flutter, Dart & Firebase
- *https://github.com/nicktill/cookbook*

EDUCATION

B.S Computer Science

University of Pittsburgh   📅 06/2023   📍 Pittsburgh, Pennsylvannia

Major GPA
3.76 / 4.0

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

WORK EXPERIENCE

Software Engineer Intern

IBM   📅 05/2022 - 09/2022   📍 Durham, NC

Public Cloud Team

- Developed branded login pages from scratch for portals using TypeScript, Next, Express, Node, and IBM Carbon Design
- Designed and implemented secure REST APIs for user authentication and password management. Key features include: login functionality, password reset, email notifications, and two-factor authentication
- Elevated retailer data management efficiency through the creation of Python scripts, streamlining the onboarding process and adding functionality for user management, including the ability to add, remove users and monitor activity.
- Developed site-wide Cypress E2E tests for CI/CD pipeline to ensure weekly cadence quality assurance tests

Software Engineer Intern

Leidos   📅 06/2021 - 12/2021   📍 Reston, VA

Annex Intelligence Group

- Collaborated with the Annex Intelligence team to execute the design, development, and deployment of web and mobile applications for the US NCTC
- Build out major features and functionalities for web portal from scratch utilizing modern Javascript frameworks like Vue
- Utilizing following tools: JIRA, Docker, GitLab, SonarQube, Git, Postman, MySQL, Tomcat, Redis, S3, Elastic Search, Eclipse, and Ubuntu

Web Developer

D&A Digital Group   📅 06/2019 - 09/2019   📍 Boulder, CO

Consumer Team

- Developed and maintained websites using WordPress content management system
- Designed and implemented custom themes and templates using HTML, CSS, and JavaScript
- Gained experience in Agile development methodologies and project management
- Contributed to code review and optimization to ensure high-quality, scalable, and maintainable code