Shashwat **Singh**

shashanoid@gmail.com | (267) 461-0592

EDUCATION

Drexel University

Bachelors in Computer Science

June '21 | Philadelphia, PA

LINKS

**shashwatsingh.me
github.com/shashanoid
linkedin.com/shashanoid**

COURSEWORK

- Algorithms
- Data Structures
- Systems Programming
- Operating Systems
- Advanced Computing Systems
- Systems Architecture
- Machine Learning
- Computer Graphics

SKILLS

Programming Languages:

Python, JavaScript, HTML/CSS, Ruby on Rails, Swift, Java, C++, Bash, SQL

Technologies:

Git, React, Redux, Node, Flask, Django, Redis, numpy, pandas, OpenCV, gRPC, Travis, Bitbucket Pipelines, AWS/Google Cloud Platform, Docker, Heroku

Design:

Sketch, Balsamiq, Photoshop

WORK EXPERIENCE

University of Pennsylvania | Software Development & Research Intern

June 2020 - Sept. 2020 | Philadelphia, PA

- Helped design, build, and launch Qoeus – a smart databank to easily store & manage course material from scratch in 3 months.
- Developed tools leveraging GPT-3 AI to effortlessly generate quizzes, exams, & homework saving course faculty **15hrs every week**.
- Worked directly with the university to integrate Qoeus across 5 departments.

Skillz Inc. | Full-Stack Developer Intern

Apr. 2019 - Sept. 2019 | San Francisco, CA

- Rebuilt developer console from Ruby to TypeScript and facelift the application boosting monthly signups from **678 to 3100.**
- Streamlined APIs by implementing GraphQL which also promoted schema & type driven development.
- Optimized various server-side operations through thread management by leveraging logs & monitoring tools decreasing server load **by 40%**.
- Increased automated unit test code coverage of core applications from **72% to 98%**. Fixed trivial bugs, and responded to tens of **overnight support incidents**.

Macquarie Investment Group | Software Engineering Intern

Apr. 2018 - Sept. 2018 | Philadelphia, PA

- Developed in-house analytics solutions leveraging Splunk & Twilio that reduced errors in analytics tagging, and removed dependency on entire vendor analytics software, saving **$50k/year**.
- Developed asset & report management websites using .NET to streamline business processes.
- Reduced load times **by 30%** of internal websites by implementing caching strategies and changing the dynamic rendering of data.
- Built sandbox web applications using real-time trading data for finance interns.

PROJECTS

SimPDF | simpdf.com

- Edit PDF like a word doc
- Created flexible web API for generating PDF documents
- #1 Product of the day on Product Hunt
- **15k+** daily active users

TestFlight Live | testflight.live

- Beta testing Appstore for iOS & Android apps where developers get real-time feedback from real users
- **1200+** Apps with 6000 daily active users

Apollos Playlist | apollosplaylist.com

- Developed web and mobile app leveraging Spotify API to create a tool for creating playlists for specific moods or events based on track statistics