NICK FELKER

Software Engineer

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● https://github.com/fleker   ● https://felker.dev

WORK EXPERIENCE

Assistant DevRel
Google

📅 January 2019 – Present   ● New York, NY

- Surface API issues and organized improvements
- Developed open-source tools and samples for developer community

`Smart Home` `Voice Technology` `Node.js`

IoT DevRel
Google

📅 June 2017 – January 2019   ● Mountain View, CA

- Built samples and contributed to design of Android Things and Assistant SDK platforms
- Attended external corporate workshops and assisted interested developers

`Embedded Software Design` `AI` `Voice Technology`

Android TV DevRel
Google

📅 May 2016 – Aug 2016   ● Mountain View, CA

- Designed Live TV API for a developer-friendly audience
- Implemented and published as open-source library

`Android` `API`

EDUCATION

Masters in Electrical & Computer Engineering
Rowan University

📅 September 2019 – Ongoing   ● Glassboro, NJ

Bachelor in Electrical & Computer Engineering, Minor in Computer Science
Rowan University

📅 May 2017   ● Glassboro, NJ

PROJECTS

Cubesat
University Clinic Project

- School project to develop **CubeSat** for testing novel memory technologies against radioactivity in space environments
- Led **Command & Data Handling** to develop software core

Typedoc Neo Theme
Open Source Project at Google

- Identified a number of readability issues in default reference doc theme for team's TypeScript-based library
- Created and published new theme with several improvements publicly on GitHub
- Project averages **> 5K weekly downloads**, adopted for **Yarn reference docs**

ACHIEVEMENTS

🏆 **First Place at PennApps**
Part of a team that developed skin-safe tattoo capacitive touch sensors, winning first place at world's largest univerisity hackathon.

`Teamwork` `BLE`
`Embedded Software Design`
`Project Management`

🏆 **Best Design Award**
Built nutrition check-in Android app with ML-based camera scanner

`Android` `UI Design`
`Machine Learning`

☸ **Eagle Scout**

SKILLS

Languages
- Java, JavaScript, TypeScript, C, C++, Golang, HTML, PHP, Python, MATLAB, Mathematica, C#, Verilog, MySQL, TI-Basic

Hardware
- Arduino, ESP32, Raspberry Pi, DE0 Nano FPGA

Software Services
- Actions on Google, Firebase, Google Cloud, Heroku

Frameworks
- Node.js, Angular, jQuery, Bootstrap, Polymer, Flask

Software
- Adobe Premiere / Illustrator / Photoshop / Audition, Microsoft Office, Google Workspace, TI-Spice

EXTRACURRICULARS

IEEE, New York Section
- Young Professionals, Vice Chair
  Feb 2020 – Present

OTHER INTERESTS

`Fiction Writing` `Podcasts` `IEEE`