JAROSLAW (JAREK) LUPINSKI

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I am a versatile engineer with end-to-end experience in multiple tech industries. I am passionate about creating engaging user experiences and pairing them with elegant back-end solutions through careful requirements analysis and rapid prototyping. My background in electronics and biomedical engineering gives me a unique perspective on day-to-day technical challenges. To summarize, I am a big picture thinker who leads teams to success.

SKILLS

- **Operating Systems and Software:** Windows, Mac, Linux, Autodesk EAGLE, Visual Studio, Solidworks
- **Technologies:** Python, Golang, iOS/Swift/Objective-C, JS/React, AWS/GCP/Azure, Github
- **Foreign Languages:** Polish, Japanese
- **Interests:** Embedded Electronics Design, Firmware Programming, Electronic Instrument Design

EXPERIENCE

Mount Sinai   Spring 2020 – Present
Senior Fullstack Engineer New York, NY
- Working with a motivated team to scale patient care solutions written in Go deployed on AWS
- Deploying Typescript workflows to assist internal teams, and to customers for healthcare transparency

Citizen   Summer 2018 – Winter 2019
Software Engineer New York, NY
- Designed and developed Software Defined Radio platform with Go processing stack, GCloud PubSub pipeline, Python ML backend, reducing the cost of launching a new geographical location by 100x
- Deployed cloud-hosted workflows to automatically capture and tag public safety audio transmissions
- Created RF propagation maps using GIS to evaluate potential datacenter sites for expansion

Snapchat   Summer 2017 – Summer 2018
Software Engineer New York, NY
- Designed, developed, and maintained internal and public-facing interactive experiences that showcased our latest technology to customers and employees using AWS Lambda, Swift and Obj-C
- Worked with internal and external teams to assess market potential of early-stage prototypes and turn them into never-before-seen experiences that our marketing team used to showcase our brand
- Traveled and coordinated setup, team member training, and tear-down of activations at company events in LA, NYC, Dubai, London, Paris, Cannes, Hamburg

Kubik Maltbie   Winter 2015 – Summer 2017
Electronic Systems Engineer Mount Laurel, NJ
- Designed, developed, and maintained bespoke museum exhibit electronics and AV systems

SAP America   Summer 2011 – Winter 2015
Specialist Support Engineer Newtown Square, PA
- Created iOS apps that empowered our customers by putting the most powerful RDBMS in their hands

PUBLICATIONS

- Lupinski, J.; Menon, V.; Roh, P.; Yuen, S.; Valdevit, A.; Andrish, J. Measuring knee compliance to facilitate post-op ligament rehabilitation. DOI:10.1109/NEBC.2011.5778529

EDUCATION

Stevens Institute of Technology – Hoboken, NJ   May 2011
Bachelor of Engineering in Biomedical Engineering

U.S. Citizen