

# Nick Spreen

📍 NYC, U.S.A

(646) 787-6042

[n@spreen.co](mailto:n@spreen.co)  
[www.spreen.co](http://www.spreen.co)

## Main Languages

JS, Python, Swift

## Technologies

### Web Frontend

Node,  
HTML & CSS,  
Vue

### Mobile

SwiftUI,  
UIKit,  
WatchOS,  
Flutter,  
Android

### Cloud Infrastructure

Kubernetes,  
Docker,  
Terraform

### Backend

Django,  
Nest,  
FFmpeg,  
WebRTC

### Databases

Postgres,  
Prisma,  
DynamoDB,  
Redis

## 🎓 Education

2019–2020 M.Sc. Thesis, BrombergLab Rutgers University, NJ, Grade 1.0

2017–2020 M.Sc. Computer Science, TUM, High Distinction Grade 1.2

2014–2017 B.Sc. Computer Science, TU Braunschweig, Grade 1.9

## 🏆 Awards & Scholarships

Oct 2019 DAAD IFI Graduate Exchange Scholarship

Jun 2019 Apple WWDC Scholarship Grantee

Apr 2019 Winning the UTUM MakerSpace TechChallenge

## 💻 Web & Desktop Projects

2021-2022 immowelt Profi Card: MapBox Vue.js Components  
**Nest.js, AWS Lambda, Terraform, Vue, Mapbox**

2022-2023 Vectornator: Web Services Cloud Architecture Overhaul  
**Nest.js, AWS Lambda, Terraform, DynamoDB, Redis**

Oct 2019 Bio-No.de: Web Platform for HPC Task Submission  
**Vue.js, VuePress, Rete.js, Bootstrap, ServerSentEvents**

Nov 2018 Braintree: Info Screens for the Economic Faculty in Münster  
**Angular, CSS3, Django Forms, Django Admin**

## 📱 iOS & Mobile Projects

2022-2023 Founder & CEO @ Hockey: All In One Messenger  
**SwiftUI, Flask, Matrix, SQLite**

2022-2022 Founder & CTO @ Pineapple: Social Video Conversations  
**SwiftUI, Prisma, GraphQL, Kubernetes**

2021-2021 Founder & CTO @ Bubble: Social Video Commenting  
**Swift, Django, Kubernetes, GCP, FFMpeg, GitHub Actions**

Apr 2021 EU Digital COVID Certificate Wallet & Verifier iOS Apps  
**Swift, GitHub, EC Crypto, CBOR, COSE, QR Code**

2020–2021 Founder & CTO @ School Night: Audio Streaming iOS Social App  
**Swift, WebRTC, Redux, IGListKit**

Jun 2020 6tudio: Mobile Partner App  
**Swift, Postgres JSON Storage, IGListKit, AVFoundation**

Dec 2019 knok: Realtime Chat and Messenger App  
**Swift, WebSocket, Redux, Firebase**

2018–2019 Eventmatch: Social Event Finder on iOS  
**Swift, WebSocket, Google Maps API, Social APIs**