

Koki Hara

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Experienced engineer with technical background looking to switch industries and work in a thriving new environment with a team excited about their jobs.

Personal Data

Date of birth: 20th of January 1996 (Hiratsuka, Japan)

Nationality: U.S. Citizen

Academic Education

08/2014 – 12/2018 **Texas A&M University**, College Station, TX
B.Sc. in Applied Mathematical Sciences with a focus in Mathematics

Practical Experience

01/21-Present **Iternal Technologies**
Software Engineer

- * *Mentored in how to build full-stack application for production*
- * *React front-end*
- * *Node express for server-side backend and Django for back-end database management*

2021-Present **Austin Independent School District**, Austin, TX
Substitute Teacher

- * *Managed classroom full of students*
- * *Created and scheduled lesson plans*

2021-Present **Habibi's Hutch Preschool**, Austin, TX
Preschool Teacher

- * *Taught students from the age range of 1-5*

04/2019 – 04/2020 **Idex Biometrics ASA**, Rochester, NY
Mixed Signal Layout Designer for ASIC

- * *ASIC chip design for 40nm TSMC*
- * *Experience with block level Band Gap Reference, GPIO cells, Transceiver/Receiver cells for IO ring(ESD design), and AFE channel.*

Relevant Coursework

Encryption and Cryptography	Learned RSA, DSA, El Gamal encryption formats with prime factorization as well as discrete logarithmic schemes.
Numerical Analysis	Matlab
Data Structures and Algorithms	C++
Principles of Statistics	R

Additional Information

Language Skills: English(native) Japanese(native) Spanish/German(Conversational/Basic)
Skills: Taking Art courses at Laguna Gloria and animation courses at ACC
Github: github.com/kokehaus/