

BEAUDRY CHASE

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Education

University of Texas Austin, College of Natural Sciences, College of Liberal Arts

B.S. Computer Science

B.A. Linguistics

Minor: Mandarin Chinese Language

Relevant Coursework: Software Engineering, Cloud Computing, Algorithms, NLP

Austin, Texas

Grad. May 2021

Skills & Knowledge

Languages (Packages)

C# (.NET), Python (GCloud AutoML, numpy, Flask, PyQt6, unittest, Scapy, mock), TypeScript (React), Java (Stanford CoreNLP, JUnit), C++ (googletest), C, Haskell

Tools

.NET, AWS, Hashicorp Terraform, Docker, Kubernetes, SQL, Redis, git, GitHub, Jenkins, OpenAPI

Experience

Software Engineer

Rev.com, Kyle Bridburg

Remote

May 2021 – Oct. 2022

- Contributed to a cross-functional team that owned our developer platform
- Developed new systems and features for a 99.99% uptime RESTFUL API using a modern tech stack with automated cloud deployments and IaC resource management
- Demonstrated a high degree of ownership over features; designed tickets alongside product managers
- Performed code review and QA of other engineers' work

Software Engineering Intern

Thomson Reuters

Remote

May 2020 – Aug. 2020

- Designed and implemented a proof of concept service that used customized machine transcription models to translate technical documents for multinational corporations
- Scraped internal human translation data to train Google AutoML translation models

Research Assistant/Software Developer

School of Liberal Arts, Department of Linguistics, Dr. John Beavers

Austin, TX

Jan. 2019 – May 2021

- Collaborated with the principal investigator to design software that addressed our lab's unique and changing research requirements
- Designed and implemented a GUI desktop app in PyQt6 for reviewing and editing generated data.

Projects

Circadian Rhythm Smart Light

Personal

2020 – Present

- Prototyped a wifi-connected smart light driven by a ESP32 microcontroller running C++
- Engineered firmware that utilizes multiple cores to simultaneously handle network communications and animate the grid of 64 tri-color LED lights
- Designed a performative dithering algorithm