

Nick Fraser

Software Developer interested in all things Web, Desktop, and Mobile

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EXPERIENCE

Eventide Inc, New Jersey — *Engineer II*

October 2016 - May 2024

Developed desktop application to automate quality control and production processes for the entire audio product line. Software deployed at facilities in New Jersey, China, Vietnam, and Mexico.

- Participated in the release and mass production of 7 professional grade audio equipment products as well as the support of numerous legacy products.
- Wrote software to control test hardware, a GUI to display results and instructions to the test operator, and a backend to log results in SQL databases which were stored to AWS/S3 for stakeholders to review.
- Consumed internal APIs to allocate serial numbers and to download and install software components on the production line while conforming to the product security specifications.
- Git, Bitbucket, JIRA, Python, Javascript, SQL, C#, C++

Developed numerous software tools for production as well as for developers.

- GUI design and implementation
- Threading and asynchronous programming
- Web APIs

Automated internal JIRA ticketing system to process customer repairs and to handle non-conforming material.

- JIRA API

Produced and distributed standardized procedural documentation for QA/QC of mass produced products.

- Perforce, Microsoft Word

EDUCATION

New York University, New York — *Bachelor of Music*

January 2014

Steinhardt School of Culture, Education, and Human Development -
Music Technology Department

Skills

Programming Languages

Javascript/Typescript

C#

Python

SQL

Swift

HTML

CSS

Frameworks and Libraries

React, Next.js, React Native

Node, Express

.NET, LINQ, Entity, Identity,
MAUI, WPF, WinUI

Django, Flask

PostgreSQL, SQLite

MongoDB

SwiftUI

Tailwind

Tools and Technologies

Visual Studio Code, Visual
Studio, Git, GitHub, Bitbucket,
GitHub Actions, JIRA, Azure,
AWS, Docker, Vercel

