David **Forster**

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I'm a curious, energetic and entrepreneurial person who loves rock climbing in my free time. I started my career in the food industry and ultimately owned and operated my own restaurant concept PekoPeko. Now, I'm in the process of transitioning into software engineering and am super excited to be exploring my creative and entrepreneurial interests in code. Thanks for checking out my resume!

SKILLS   JavaScript, TypeScript, Python, React, Redux, Express, Flask, HTML, CSS, SQL, SqlAlchemy, Sequelize, Git Workflow

EDUCATION

Web Development - *App Academy | 2022*
BA Applied Math and Statistics - *Johns Hopkins University | GPA 3.69 | 2010 - 2014*
The American School in Japan - *Tokyo, Japan | 2010*

EXPERIENCE

Owner | PekoPeko Ramen | Baltimore, MD   June 2016 - Aug 2020
- Created a restaurant concept: A casual college ramen shop with a modern Japanese aesthetic.
- Grew revenue from $780,000 in year one to over $1 million in year three.
- Earned lifetime 11%+ Net Operating Income, more than double the national average of 3-5%.
- Employed over 110 people (lifetime total) with an average of 20 employees and $12,000 in wages per biweekly payroll.
- Responsible for designing the floorplan, creating the branding package and developing all menu items.
- Mentored hourly employees into Kitchen Manager, Front-of-House Manager & General Manager roles.
- Built a strong employee culture with a focus on LGBTQ rights and hosted an annual event fundraiser during Pride Month.

General Manager | Nakamura Ramen NYC | New York, NY   June 2015 - June 2016

PROJECTS

KarmaFarm (JavaScript, ReactJS, Express)   live | github
A custom online ordering platform for KarmaFarm and its Restaurants.
- Created a reporting page using ChartJS for restaurant users to view graphical data reports.
- Built a chat feature with real-time Notifications for unread messages using Web Sockets.
- HTML2Canvas and jsPDF enable invoices to be downloaded as PDFs.
- Organized React components and updates to the Redux Store in a unidirectional dataflow to minimize rerenders.
- Integrated RapidAPI's Weather API to generate weather information and create a more interactive webpage.

Soundwave (JavaScript, ReactJS, Express)   live | github
Soundwave is a Soundcloud clone where users can share and listen to music.
- React Player and Redux's global store give users a continuous listening experience and the ability to create a song queue.
- Created Soundcloud's iconic feel with waveforms from WaveSurfer and unique color schemes from Node-Vibrant.
- Synchronized Audio and Image files with AWS S3 to balance server load and enable the app to scale.
- Features amazing music. If you disagree, please get in touch with song requests.

Large (JavaScript, PUG, Express)   live | github
Large is a Medium clone where users can upload articles and make comments on community posts.
- A custom script using Promises iteratively disappears and reappears M's, which creates the hallmark effect seen on Medium.