

# Pete Fitton

## Software Development Engineer

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### SKILLS

#### Technical Skills:

- Programming Languages: JavaScript, Python, TypeScript, HTML
- Web Technologies: React, Node, Express, Flask, APIs, RESTful Routing
- Data: MongoDB (noSQL) with Mongoose, PostgreSQL (SQL) with Sequelize & SQLAlchemy, D3.js, Jupyter, Pandas
- Design: Sass, Materialize/Material UI, Bootstrap, CSS
- Tools: Git, GitHub, Heroku, Netlify, GitHub Pages
- Music software: Max, Reaper, Sibelius, Finale, ProTools, Logic Pro, Audacity, Ableton Live

#### Language Skills:

- Fluent in German
  - Novice in Spanish
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### DEVELOPMENT PROJECTS

#### CHARTizard (Apr 2020)

- Single Page Web Application created with D3.js, Flask, Frozen-Flask, HTML, and CSS that visually displays Pokemon data in an interactive scatterplot
- I initially explored the data using Jupyter Notebook with Pandas as the Data Scientist I was planning on working with fell ill
- D3 was the backbone of this project and was used to render the chart via JavaScript and manipulate all changes made to the x and y variables, any filtering, and to render the regression line

#### Elm Prints (Mar 2020)

- Web Application created with React, TypeScript, Node, Express, MongoDB with Mongoose, Axios for API calls, JSON Web Token (JWT), Stripe, Material UI, and SASS
- Team project with two other Software Developers
- Elm Prints is an eCommerce website that sells movie and art posters
- My role on the team included setup of Sass, media queries & mobile development, general styling, initial setup of Stripe, back-end route stubbing, sprint plan writing, and a considerable amount of paired/mob programming across all aspects of the site
- The team took a collaborative approach and performed most work simultaneously while on zoom calls

#### GuitStrum (Feb 2020)

- Web Application created with Node, Express, PostgreSQL, Axios for API calls, EJS/EJS Express Layouts, Regex, HTML, and Materialize with jQuery & CSS
- Worked with UX Designer to refine wireframes in planning stage
- Designed for beginner/intermediate guitar players looking to expand chord and song repertoire
- User can search for chords specifically or randomly and can create, edit, and view songs

## **UNITY (Feb 2020)**

- Turn-based RPG browser game created with HTML, CSS, and vanilla JS
  - Extensive use of DOM manipulation, setting/clearing Timeouts/Intervals, and adding/removing event listeners
  - Includes audio and animations which are triggered through user-interaction
  - Utilized multiple game state and object state variables to enact battle mechanics as well as a special game mode which unlocks after winning
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## **EXPERIENCE**

### **AV Technician at Diversified Inc (Dec 2017 – Jan 2020)**

*Seattle, WA*

- Provided customer service as a contractor at Boeing in a self-led role
- Supported a large auditorium, cafeteria, and three medium-sized conference rooms
- Scheduled events, assisted with on-hand technical support, & collaborated with other teams for events as well as for extensive auditorium renovations

### **AV Technician at Avisys Inc (March 2013 – Dec 2017)**

*Seattle, WA*

- Provided customer service as a contractor at Amazon
  - Led small, localized team to support all conference rooms in a building by delegating work, teaching my technicians skills, and preparing them to take over their own teams
  - Performed troubleshooting to address system issues and reconfigured conference room spaces according to meeting needs
  - Provided on-hand AV support, resolved meeting conflicts, and worked across teams to support the whole Amazon campus as needed
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## **EDUCATION**

### **General Assembly (Jan 2020 – April 2020)**

*Seattle, WA*

- Software Development Immersive 450+ hour program
- Coursework focused on: Full-Stack Development, Front-End Frameworks, and APIs

### **Middlebury College (Fall 2009 – Spring 2013)**

*Middlebury, VT*

- Bachelor of Art (B.A.) Degrees in Music and German, GPA: 3.76
- Relevant coursework: Electronic Music, Digital Musician

### **Freie Universität (Sept. 2011 – July 2012)**

*Berlin, Germany*

- Language and cultural immersion program with courses in European Literature and Music

### **United World College (USA) (Fall 2007 – Spring 2009)**

*Montezuma, NM*

- International boarding school (high school)
  - Awarded the International Baccalaureate (IB) Diploma in 2009
  - 1 of only 50 Americans chosen to start attending the various United World Colleges across the world in 2007
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## **ADDITIONAL**

### **Awards:**

- Attained Eagle Scout Rank, Bronze Eagle Palm, and Triple Crown Awards