Jennifer Houck

Full Stack Software Engineer

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https://jenniferhouck.com

As a web developer and violinist, I strive to add my vision to every project and make the visions of others into a reality. My patience and motivation allow me to think outside the box to come up with solutions unique to me and my tasks. I'm constantly inspired by the works of others when creating apps and playing music, and I am driven to create pieces that match my creativity with the ideas of others.

Skills

- Programming Languages: HTML5, CSS3, JavaScript, Python.
- Libraries and Frameworks: React, Node, Express, Mongoose, Flask.
- Databases: MongoDB, SQL, PeeWeeTools & Techniques, GitHub, Git Django
- Front End Development, Backend Development, APIs

Relevant Experience

Software Engineering Immersive | General Assembly | Washington, D.C. | June 2020-September 2020
Successfully completed 500+ hours of expert led applied computer science fundamentals using the industry's most in-demand technologies. Learned front end and back end languages including Javascript, HTML, CSS, React, Node, Python and Django. Developed projects, including:

- **Responsive web page with CSS/HTML**: Built using HTML and styled with CSS to make the page resizable for any screen.
- **Card game- "War":** Developed a vanilla Javascript console game that runs automatically.
- **User Interface using an API:** Used the NASA API to develop a user interface featuring a slide show of planets. Constructed with CSS and Javascript.
- **Build an API:** Used Mongoose, Heroku, Mongo Atlas, Node, and Express to create a database from Harvard's Art API, upload it to the server, and hosted on Heroku.
- **Build a Command Line Application:** Used SQL and Python to create a contacts book that can add, search, delete, update and make new contacts.

Experience

Freelance Musician | Violinist | DMV | September 2005-Present

Private Violin Instructor | McLean School of Maryland |Potomac, MD | September 2015-Present

Education

General Assembly | Software Engineering Immersive | Washington, D.C. | September 2020

Carnegie Mellon University | Master's of Music in Violin Performance | Pittsburgh, PA | June 2010

University of Maryland | Bachelor's of Music in Violin Performance | College Park, MD | June 2008