Travis Horton

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EXPERIENCE

Recurse Center, Graduate   **February 2019 – May 2019**

Self-directed coding retreat: unstructured learning environment for programming skill development

- Higher level languages and frameworks
    - o   Wrote battleship app in React
    - o   Programmed perlin noise generator in vanilla Javascript
- Lower level languages
    - o   Learning Rust (Rust book and Rustonomicon in progress)
    - o   Pair programmed algorithm puzzles including in Rust, Bash, C++, and Python
- Pre-existing code
    - o   Debugged an event scheduler bot, testing async functions and SQL library calls
- New technologies
    - o   Built a multi-pitch tone generator in the recently-released Javascript Web Audio API
- Tools
    - o   Committed to and became fluent with Vim as main text editor and general IDE

Alpen Kammer Musik, Independent Contractor   **October 2018**

Website redesign: optimized and streamlined Wordpress website at http://alpenkammermusik.com/

- Advised on UI design improvements based on client's vision
- Learned PHP to implement improved design

Brooklyn Youth Chorus, Accounting Assistant   **July 2017 – Present**

Part Time Assistant to Director of Finance for successful 27-year old nonprofit

- Self-taught accounting fundamentals, Google sheets
- Determined proper treatment of accounts payable and payroll
- Conducted major reconciliations
- Created multi-million-dollar budgets
- Developed systems to automate transition between competing accounting platforms

Professional Pianist   **2011 – 2018**

Freelance and Staff Pianist, New York City

- Prepared polished, high-stakes performances under tight deadlines at various venerated institutions, including Carnegie Hall and Off-Broadway shows
- Adjunct faculty for Steinhardt School at New York University

PROJECTS

Straightforward ray tracer in vanilla Javascript: www.travish.com/kiddspazz/rayTracer/

- Generated a basic API from scratch for the necessary geometry and linear algebra

SKILLS

Programming languages: Javascript, CSS, HTML, Rust (learning)

Frameworks and tools: node.js, react.js, Vim, Excel, Google sheets, Moneyworks, Filemaker

EDUCATION

New England Conservatory — Boston, MA

Master of Music, Collaborative Piano, May 2011

University of North Carolina School of the Arts — Winston-Salem, NC

Bachelor of Music, Piano Performance, May 2008