

# PETER PEGUES

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## SOFTWARE ENGINEER

### EDUCATION

#### Bachelor of Science Computer Science

October 2020

Southern New Hampshire University, Manchester, NH

GPA: 3.9 | Honors: President's List

### CORE COMPETENCIES

**Languages:** Python | NumPy | JavaScript | TypeScript | SQL | MongoDB | HTML | CSS | node.js | Flask | Django | React | Angular | Express.js | C++ | Java | C# | XML | jQuery | Json | Regex

**Web Development:** Apache | Docker | Nginx | Traefik | Git

**Linux Administration:** Ubuntu | Red Hat | Bash | Shell Scripting

**Development:** Systems Analysis | Testing | Agile | Waterfall | Scrum

**Programs:** MS Office | QuickBooks | ArcGIS | Photoshop | AutoCAD LT

### COMPUTER SCIENCE PROJECTS

**Codecademy:** Build Front-End Web Apps from Scratch. Completed April 2018

- Full stack development bootcamp using React, Node.js
- Developed several prototype React apps that interfaced with various APIS's, including Spotify, Trip Advisor and Google Authentication

#### Server Administration

March 2017 – Present

- Maintained an Ubuntu server for hosting various web services utilizing Docker, Apache, Nginx, Traefik, Unicorn, and Git

#### Programming Projects

April 2017 – Present

- Sudoku solver using backtracking in Python
- Craig Reynolds's Boids (Flocking Simulator) in Python
- Refactoring/redevelopment of PULSE an analytical ground water recharge modeling application
- Conway's Game of Life in JavaScript and HTML
- Flask, Django, Angular and React web apps

### PROFESSIONAL EXPERIENCE

**Draftsperson,** Bluedoor Design Group, Abington, PA / Delray Beach, FL

March 2021 – Present

- Create and modify technical drawings for interior design in AutoCAD LT

**Music Teacher,** Private Instructor, Abington, PA

January 2020 – Present

- Taught remote private lessons in violin, guitar, and banjo
- Created and implemented lesson plans
- Tracked and analyzed student progress to create dynamic strategies for student development

**Small Business Owner,** Downeast Bound Music, Morehead City, NC

March 2015 – December 2019

- Owned and operated a small music shop that specialized the repair of audio equipment and instruments
- Diagnosed, troubleshoot, and repaired digital/analog audio equipment.
- Analyzed schematics and datasheets to perform board level repairs
- Researched, selected, deployed, and maintained web services for business operations and coordination
- Analyzed sales data to create and enact strategies for continued growth
- Managed sales and inventory, taught students, and executed marketing efforts, bookkeeping, and customer relations