

Daniel Shelnut

Front-end Web Developer || Data Analyst

I am detailed-oriented Analyst turn Frontend Web Developer who enjoys building apps that combine my love of learning such subjects as Mathematics and Language. I am looking to break into the Web Development industry and bring my skills and expertise to a great organization.

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Tacoma, WA (willing to relocate) 📍

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github.com/shelnutdan 🐙

WORK EXPERIENCE

Administrative Analyst

Exotic Metals Forming Company LLC

04/2018 – 02/2019

Kent, WA

Achievements/Tasks

- Helped develop over ten audits to help with the management of data integrity and to help improve current processes for program managers.
- Developed processes and policies within the Marketing and Shipping departments to replace and improve current methods.
- Presented findings and pitch ideas to Marketing management and other departments to help improve the day to day business needs.
- Analyze data to help understand current issues within the company and provide a rationale for the change of business processes.

Contact: Chris Schatz

Data Processing Analyst-Contract

Payscale, Inc

11/2017 – 03/2018

Seattle, Wa

Achievements/Tasks

- Developed and re-purposed existing Excel macros to assist in the proper transfer of data from a client's database to Marketpay system.
- Cross-referenced the wage data with client's payroll data to ensure that clients were following basic accounting principles.
- Summarized wage data for clients to help troubleshoot issues that arose when data was transferred into MarketPay.
- Manually requested and entered in missing data to ensure full data integrity for clients.

Contact: Caroline Burgess

Data Entry Assistant/Policy Service Representative-Contract

Grange Insurance Association

04/2017 – 11/2017

Seattle, WA

Achievements/Tasks

- Assisted in the conversion of policy information from a DOS-based system to a Windows-based system.
- Resolved administrative problems by coordinating with members of the operations and underwriting teams on a daily basis.
- Help verify issues concerning a policyholder's information and report concerns to underwriters for appropriate action.

Contact: Crella Downey

Informatics Analyst 1

Optumas

08/2016 – 02/2017

Scottsdale, Az

Achievements/Tasks

- Developed SAS code that reduced data-set merge times by 50%.
- Developed risk models for determining the appropriate capitation rates for state and federal Medicaid and Medicare insurance programs.
- Provided state organizations with insight about how healthcare rates should be allocated based upon results of risk assessment that was conducted.

Contact: Carol Dawson

EDUCATION

Western Washington University

Bachelors of Science in Applied Mathematics

09/2011 – 06/2016

3.5 in Major GPA

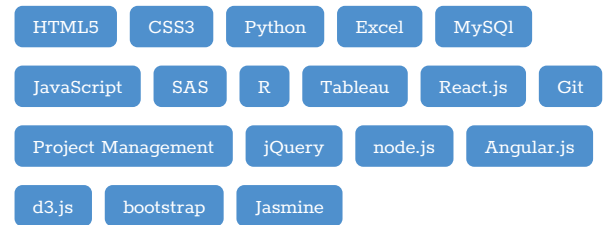
- Thesis Project: Multiple curve comparison utilizing min P and parametric bootstrapping on Huntington's disease data
- Minors: Economics and Chemistry
- Coursework: Money and Banking, Intermediate Micro/Macroeconomics, Principles of Finance, Financial Accounting, Statistical Programming, and Public Finance

Front-end Web Development Nanodegree

Udacity

02/2019 – Present

SKILLS



PERSONAL PROJECTS

JavaScript Calculator (03/2018 – 03/2018)

- This project is a simple calculator where the user can enter in any number or operator either through clicking on the HTML element or entering the number through a keyboard.

Pomodoro Clock (03/2019 – 03/2019)

- This is a Pomodoro clock using React.js, it allows for the user to set the length of their Pomodoro session by either clicking on the plus or minus symbols next to the appropriate session length area.

Game of Life (04/2019 – 04/2019)

- This is a simple recreation of the Mathematician John Conway's Game of Life. On this project, I demonstrated how with a few simple rules, I can create a complex output based on the user's input with little predictability.

PUBLICATIONS

Publication Title

Peripheral huntingtin silencing does not ameliorate central signs of disease in the B6.HttQ111/+ mouse model of Huntington's disease

Authors

Coffey SR, Bragg RM, Minnig S, ..., Shelnut D, et al.

Publication date: 2017

Publisher: PLoS ONE

<https://doi.org/10.1371/journal.pone.0175968>