Jeremy Fischer

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PROFESSIONAL SUMMARY

Self-directed and motivated Software Engineer who works effectively in a dynamic environment. Focused and dedicated with a desire to gain a strong technical foundation. Seeking an entry-level role within a software firm where success is paramount. To learn more about my personal projects and experience, please visit *www.jeremyfischer.net*

EDUCATION

Bachelor of Science | Computer Science *JANUARY 2019*

Oregon State University, Corvallis, OR

- GPA: 3.80
- Coursework in cloud development, parallel computing, and AI

SKILLS

- Web Platform Development
- AWS
- Machine Learning
- MySQL/NoSQL
- C/C++
- JavaScript
- Python
- Object Oriented Programming

WORK HISTORY

SOFTWARE ENGINEER INTERN, CLOUD PLATFORMS *06/2018 to 09/2018*

Autodesk | San Francisco, CA

- Created a leading-edge recommendation engine with features such as user recommendations, content similarity searches, and cold-start recommendations
- The engine will increase revenue for Autodesk by retaining and attracting users
- Used development tools such as Docker, AWS, Rewire, and Chai/Mocha

SOFTWARE ENGINEER INTERN, MANUFACTURING DATA SERVICE *06/2017 to 09/2017*

Autodesk | San Francisco, CA

- Created a question property panel for a form building site with features such as force question response, tooltips, display logic (hide/show elements based on given conditions), and validation options
- Implemented input validation for the entire form building and form view applications
- Slashed the display logic's repetitive precompute time, to once on page load

SOFTWARE ENGINEER INTERN, STRATEGY AND RESEARCH *06/2016 to 09/2016*

Autodesk | Portland, OR

- Performed initial user interviews to assess user needs and wants
- Created a prototype that automatically conducts Finite Element Analysis simulations on parts and assemblies in Autodesk's Fusion 360 CAD software
- Boosts design efficiency by reducing the simulation analyst bottleneck
- Slashes labor costs by reducing product lifecycle time

ADDITIONAL INFORMATION

Smart Farm

- Built a Node.js/Express RESTful API that serves as the backend for a smart farm
- Sensors in the farm talk with the API to store data in the API's databases, allowing farmers to get the latest soil, air, and irrigation data
- Greatly increases a farm's efficiency and water usage

Kora

- Implemented a voice interface to Autodesk's Fusion 360 design software with my roommate
- Allows users to execute voice commands such as “Rotate design 90 degrees left"
- Revolutionizes the usability for impaired users

College of Engineering Leadership Academy

- Attend seminars regarding effective leadership, inclusivity, and career advancement lead by successful industry leaders