JF

Jeremy Fischer

(541)399-6865 | **E:** fischjer4@gmail.com
Portland, OR 97291

jeremyfischer.net | linkedin.com/in/jeremyjfischer | github.com/fischjer4

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.

EDUCATION

Bachelor of Science | Computer Science *December 2018*
Oregon State University, Corvallis, OR

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

SKILLS

- Python
- C++
- JavaScript / Node.js
- Object Oriented Programming
- Web Application Development
- AWS
- Docker
- SQL/NoSQL

WORK HISTORY

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

Autodesk | San Francisco, CA *Node.js/Express.js, Python, Docker, AWS, REST API*

- Designed and implemented a leading-edge recommendation engine with features such as user recommendations, content similarity searches, and cold-start recommendations
- This engine will increase revenue for Autodesk by retaining and attracting users
- Utilized testing tools such as Chai, Mocha, and Rewire

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

Autodesk | San Francisco, CA *HTML, JavaScript, CSS, Bootstrap, AngularJS*

- 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 *Python*

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

PROJECTS & INVOLVEMENT

SMART FARM *Node.js/Express.js, Docker, MongoDB, REST API*

- 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 resource efficiency and water usage

KORA *Python, MongoDB, WIT.ai*

- 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 product’s usability for impaired users

COLLEGE OF ENGINEERING LEADERSHIP ACADEMY

- Attended seminars about effective leadership, inclusivity, and career advancement lead by successful industry leaders