Leo Smith

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EDUCATION

Concordia College, Moorhead, MN

Bachelor of Arts in Mathematics and ACS Chemistry   *Aug 2018 – May 2023*

- Achievements: s*umma cum laude* (4.0 GPA), Dean's List (9 semesters)
- Involvements: Cross Country, Track & Field

TECHNICAL SKILLS

JavaScript	Node.js	Vue.js	MariaDB	MongoDB	Redis	HTML	CSS

Java	Python	R	C#	Git	Docker	Linux	Machine Learning

WORK EXPERIENCE

Voxtelesys, Fargo, ND

Software Engineer 2   *Dec 2023 - Present*
Software Engineer 1   *May 2023 – Dec 2023*

- Develop voice applications to upscale call recordings and expand IVR products offered by the company
- Implement call troubleshooting on the customer portal and add ladder visualization with automated analysis
- Migrate the invoicing, billing, and payment web servers from Ruby to Node.js and enhance their performance
- Collaborate with the accounting team to develop new features for existing C# billing applications
- Revamp the porting page on the customer portal to streamline and validate port submissions
- Maintain the customer portal and support display by implementing bug fixes and logic improvements

INTERNSHIPS

Voxtelesys, Fargo, ND

Software Engineer Intern   *Dec 2022 – May 2023*

- Streamlined customer address validation in the support HUD by integrating with Google address APIs
- Enhanced the HUD billing section by developing pages for managing ACH payments and late payment notices
- Incorporated daily summary reports into the customer portal and improved its performance with Elasticsearch

Boise State University, Boise, ID

Machine Learning Researcher   *May 2022 – Jul 2022*

- Developed scripts in Python and Bash to generate and preprocess microstructure images of metal alloys
- Employed machine learning to predict material properties of metal alloys to within 7% of their actual values
- Streamlined microstructure image generation using phase-field simulations of spinodal decomposition

Scripps Research, San Diego, CA

Organic Chemistry Researcher   *Jun 2021 – Aug 2021*

- Formulated a cost-effective method for synthesizing an alkaloid molecule using techniques in organic chemistry
- Analyzed results of synthesis reactions using quantitative and qualitative chemical analysis tools
- Conveyed research concepts and results to peers with several slideshow and poster presentations

Concordia College, Moorhead, MN

Computational Biology Research Assistant   *May 2020 – Jun 2020*

- Assessed the effects of plant cultivation on nectar quality by constructing a meta-analysis with existing research
- Conducted a systematic search through existing literature for relevant studies using several research databases
- Computed effect sizes and several statistical relationships using the gathered data by writing scripts in R