Ellissa R. Peterson

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Work Experience

Full Stack Software Engineer   **Aug 2022 - Nov 2024**
PlayStation, Madison, WI
- Developed internal telemetry libraries and debugging tools for multiple platforms
- Analyzed performance metrics to reduce library resource usage
- Analyzed data through logs and visualization tools to identify cause of errors
- Deployed production ready code to millions of users sending billions of telemetry events daily
- Created documentation on library implementation and development
- Collaborated with other teams to identify changes necessary for libraries to support their needs
- Mentored intern and co-op on programming best practices and company culture

Technical skills gained: C++, React, Python, CI/CD

Full Stack Development Intern   **Jun 2021 - Aug 2021**
IBM EPM, Armonk, NY *(Remote)*
- Conducted user interviews and cognitive walkthroughs to identify deficiencies
- Designed and implemented an IDE web app to assist EPM developers
- Developed an automated script to generate documentation

Technical skills gained: Cloud Technologies

Frontend Development Intern   **Jun 2020 - Aug 2020**
IBM Aspera, Emeryville, CA *(Remote)*
- Implemented callback functionality for triggers throughout the product
- Introduced a queue to handle events asynchronously

Technical skills gained: Javascript, Node.js

Full Stack Intern   **Jun 2019 - Aug 2019**
SAP Concur, Saint Louis Park, MN
- Increased code coverage by developing Java unit tests using Cucumber
- Automated new tests through Jenkins for production and development
- Collaborated with team members on tasks in daily standup meetings and JIRA

Technical skills gained: Agile/Scrum Development

Education

Iowa State University, Ames, Iowa   **Aug 2018 - Jul 2022**
Major: Bachelors of Science, Software Engineering
Technical skills gained: Git, Restful APIs, Java, Data Structures and Algorithms

Leadership and Accomplishments

Hackathon Club President and Co-founder at Iowa State University (2019 - 2022)
Founding Vice President of Google DSC at Iowa State University (2020 - 2021)
MLH top 50 hackers - top.mlh.io/2020/profiles/ellissa-peterson
Second Place SquirrelHacks (2019)
Second Place PickHacks (2019)