Tulga Tsogtgerel

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Summary

Proficient Software Development Intern adept at utilizing Javascript, GoLang and C++ to contribute to team projects and meet corporate objectives. Driven and proactive with a proven history of going above and beyond to contribute to team objectives. Consistently acknowledged for contributing to process optimization by automating tasks for increased efficiency.

EDUCATION

San Francisco State University   December 2021

Bachelor's in Computer Science

Relevant Coursework: Data Structures, Algorithms, Discrete Mathematics, Machine Structures, Web Software Development, Programming Methodology (in progress), Analysis of Algorithms (in progress)

RELEVANT EXPERIENCE

LetsEat | Berkeley, CA

Software Engineer Intern   June 2019 - September 2019

- Developed new api endpoints for existing GoLang backend infrastructure with database models to ensure a fast release cycle for a growing startup.
- Designed and implemented user authentication strategy with JSON web token, Redis and Redux, resulting in a robust login system for users.
- Created responsive restaurant and food order pages on existing React Native app, delivering better user experience.

Bebo | San Francisco, CA

Software Engineer Intern   May 2018 - January 2019

- Created user requested caching feature within the video pipeline and improved load time 10 times faster.
- Managed deployment cycle to deliver newly available features and hot fixes biweekly.
- Involved in reviewing and provided ideas in design and architecture discussions related to multiple projects integration.
- Designed and launched a new C++ process within nw.js application, allowing users to use StreamDeck seamlessly.

PROJECTS

Video game draft pick analyzer

https://github.com/thetulga/dota2Draft

- Downloaded and extracted heroes' matchup data from entire HTML pages from www.dotabuff.com.
- Built and deployed a single page web UI for data entry to analyze match up data.

Esports news portal site

https://bitbucket.org/BattulgaTS/webproject

- Developed a full stack application from scratch using Node.js, React.js, MySQL. Implemented passport.js user authentication strategy with Redis as storage for performance.
- Created database models using Sequelize ORM and API endpoints with optional authentication.
- Deployed and monitored logs of the entire application on aws with nginx reverse proxy server.

SKILLS

- Languages: JavaScript, C++, Python, GoLang
- Frameworks/Libraries: React.js, React Native, Node.js, Echo, GStreamer, Redis, Angular, OpenCV
- Technologies: Linux/Unix, Git version control, Amazon web services

AWARDS

- Mongolian national programming contest 2014 bronze medalist
- Qualified to represent Mongolia in IOI 2014