

Trevor Farthing - Software Developer

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SUMMARY OF QUALIFICATIONS

Software developer with two years of experience creating business solutions and product enhancements. Highly proficient using C#, C++, Java, and Python. Creative problem solver who works well alone or in a collaborative environment. Quick learner of new technologies. Results driven with the ability to look outside the box to find workable solutions.

EDUCATION

BS Computer Science, minor Math, Cum Laude | Gonzaga University, Spokane, WA, May 2018
GPA: 3.55

PROFESSIONAL EXPERIENCE

2018-2020, *Software Developer* | C-Labs Corporation, Bellevue, WA

2016-2017 (summers), *Software Development Intern* | C-Labs Corporation, Bellevue, WA

- Designed, developed, and maintained plugins for **IIoT** (Industrial Internet of Things) platform.
- Investigated and helped address performance issues of **Pub-Sub** messaging system by developing scalable **Docker**-based test framework.
- Produced a new, customized way to record sensor historian data into an **InfluxDB** time-series database.
- Developed plugin utilizing **Grafana** to allow improved data visualization of sensor historians.
- Enhanced distributed storage system by implementing interface to store application data in **SQL Server**.
- Configured **Azure Kubernetes** cluster of Prometheus and Grafana pods to monitor cloud metrics.
- Created logger that extracts information from **IIS** failed request trace files and writes to system log.
- Extended and optimized local storage functionality by implementing an “append” option for **JSON** files.

2014-2016 *Fundraising Caller* | Gonzaga University Telefund, Spokane, WA

- Contacted hundreds of alumni and parents nightly to secure donations for the university.
- Contributed to fundraising over \$1 million for the university.

RELATED PROJECTS

- Created **Vue.js** frontend for cloud-based development environment and project management tool with senior design project team.
- Recorded, edited, mixed, and produced 8-song album over the course of a year. Proficient in Digital Audio Workstations and video editing software.
- Built personal website with **CI/CD** pipeline using **Gulp** and **Github Actions** deploying to **AWS**.
- Earned the Eagle Scout Rank with the Boy Scouts of America.

TECHNICAL SKILLS

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|----------|--------------|--------------|----------|-------------------|
| • C# | • SQL | • Docker | • IIS | • AWS Cloudfront |
| • Java | • Javascript | • Kubernetes | • npm | • Swagger/OpenAPI |
| • Python | • HTML/CSS | • REST | • Gulp | • Ableton Live |
| • C++ | • Vue.js | • Git | • AWS S3 | • Final Cut Pro X |