

LUKE BLAUVELT

SOFTWARE ENGINEER

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EXPERIENCE

● Acuity Brands,
Intelligent Spaces Group
Remote
2022-present

Software Engineer II Atrius Locator

- Architected and built the API backend/dataflow from edge to cloud using event-driven architecture, domain driven design and microservice architecture
- Launched Locator into the market. Scoped user stories into executable epics and lead project delivery from design to finish
- Onboarded/trained full team of engineers and served as the primary contact for bi-monthly demos and sales calls for customer engagements and key stakeholders
- Leveraged technologies such as Kubernetes, Azure, Datadog, Cypress, and React to enhance system performance, scalability, and monitoring

Atrius Wayfinder

- Collaborated with customers to write ETL processes for dynamic data integration and migrated repos/pipelines from GitLab/AWS to Azure
- Added feature flagging capability for incremental releases for focused product feedback
- Developed multi-point routing solutions and ensured compliance with WCAG AA 2.1 standards
- Implemented Infrastructure as Code, Test Driven Development, CI/CD to fully automate pipelines and deployment
- Completed a structured design sprint from interviewing customer airports such as LHR and YYZ to creating, scoping and executing an integration solution for them.

● Acuity Brands,
Digital Lighting Network
Remote
2021

Software Engineer I SensorView Team (Rotational Program)

- Full-stack development for SensorView commissioning software
- Built features that communicated with devices in real time
- Expanded domain knowledge of IoT and corresponding network topologies

● Acuity Brands,
Digital Lighting Network
Remote
2020

Software Engineer I Mobile Application Development Team (Rotational Program)

- Rebuilt nLightWired mobile User Interface in CLAIRITY+ mobile app through component driven development from design to implementation
- Cross-compiled and deployed application to Android and Apple store

● Autodesk,
Offer to Price
Remote
2020

Intern SAP Technical Integration Developer

- Worked on Offer to Price team to assist Testing and Validation for a 12-week proof of concept to evaluate new system architecture

● Acuity Brands,
Intelligent Spaces Group
Oakland, California
2019

Intern Software Engineer

- Developed and built features (full-stack) to, BuildingOS (now Atrius BuildingInsights) a cloud-based building energy analytics software platform and wrote automated ETL scripts

EDUCATION

● University of Wisconsin – Madison

Bachelor of Science

Electrical Engineering Major, Computer Science Minor, Machine Learning Capstone

KNOWLEDGE

- IoT
- Full-Stack Engineering
- Web Services
- Scrum
- Machine Learning
- CICD/TDD
- Microservice Architecture
- Azure Ecosystem
- Kubernetes
- Sustainability
- Event Driven Architecture
- Power Transmission