Lucas O. Bent

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EDUCATION

University of Maine, Orono
Bachelor of Science in Computer Science, *Honors, Phi Beta Kappa,* Minor in New Media (Anticipated, May 2025); 4.0 GPA

SKILLS

* Languages: TypeScript, JavaScript, HTML, CSS, Java, Python, C, C#, SQL, Bash, GDScript
* Tools: React, Angular, Next, Ionic, Firebase, Cypress, Node.js, ElasticSearch, SEO, Git/GitHub, Docker, Jira, Spring, Linux
* French speaking, reading and writing
* Technical writing/documentation

WORK EXPERIENCE

Backend Software Developer, Quality Assurance Lead/Engineer
Aveva, Remote, 2020-Present
– Agile backend development using Java, Spring, MySQL, Liquibase, Docker, and AWS
– Lead the QA team to establish testing standards and maintain mission-critical software quality goals
– Engineer and maintain automated testing suite in Cypress, increasing test case coverage by 500%
– Adapt to the needs of the growing company, including onboarding 4 new team members

Co-founder, Lead Developer
GreenDex, Orono, ME, 2023-Present
– Long-term collaborative tech startup that rates all kinds of companies based on sustainability practices
– Communicate critical, technical data to a non-technical audience, including in pitch competitions
– Engineer and develop full-stack cross-platform mobile app using Ionic React, Typescript, and Typesense

Maine Learning Assistant
Maine Center for Research in STEM Education, Orono, ME, 2022
– Guide computer science students by answering questions and providing peer presence during class
– Facilitate engagement and course improvement with professor
– Participate in professional development sessions weekly to build teaching skills

RELATED EXPERIENCE

Hackathon Finalist - Hack4Delta
Hartford, CT, 2023
– Respond to high-pressure environment with fast-paced development
– Collaborate and compete with peers, placing top 5 out of over 100 qualified entrants
– Create innovative sustainability solution leading to the start of GreenDex

Software Project: I:PAL
HackMIT, 2024
– Invent and develop an innovative language-learning mobile app in 24 hours, alongside peers I just met
– Leverage a cutting-edge machine learning model to convert speech into the International Phonetic Alphabet

Cybersecurity Competitor - Northeast Collegiate Cyber Defense League
Lowell, MA, 2023
– Employ cybersecurity defense tactics on remote and local machines
– Communicate and coordinate with team members