Dana Owens

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EDUCATION

Cornell University - Ithaca, NY   Expected Graduation: May, 2021
Major: Computer Science
Relevant Coursework: Introduction to Computing, Object-Oriented Programming & Data Structures, Discrete Structures, Computer System Organization and Programming, Networks, Artificial Intelligence, Data Structures and Functional Programming, Intro to Computer Networks, Intermediate Design and Programming for the Web, Algorithms, Introduction to Databases, Fashion Design and Programming

WORK EXPERIENCE

Amazon Web Services Solutions Architect Intern - Remote   Jun 2020 - Aug 2020
- Worked on Amazon Web Services, Google Cloud Platform and Microsoft Azure to architect a serverless application and compare competing cloud services
- Built with Compute, Database and Serverless services
- Worked with three other interns to build a social matching application on Amazon Web Services

Orolia Software Engineering Intern - Rochester, NY   Jun 2019 - Aug 2019
- Helped develop an application and user interface in Python that automates Orolia's testing database

Bloomberg Extern - New York, NY   Jun 2019
- Gained exposure to Bloomberg's Global Data program, while learning about the Bloomberg Terminal and its functions

Wagner and Geyer Office Intern - Munich, Germany   Jun 2018 - Aug 2018
- Revised English legal documents, including patent applications in word and excel
- Managed invoices and client-relations

PROJECTS

Hyperloop Cornell Researcher and Software Team Lead - Ithaca, NY   Aug 2019 - Present
- Leading the Software Sub-team in designing the state management software

Agua Clara Cornell Researcher and Team Lead - Ithaca, NY   Aug 2018 - May 2019
- Led the subteam, FlocApp, to create a python application to optimize coagulant-dosing using computer vision technology

SKILLS

Programming Languages and Frameworks: Python, Java, OCaml, C, Assembly, SQL, CSS, HTML, Django, PHP
Development Tools and Platforms: Eclipse, PyCharm, Git, Jira, Bitbucket, CAD, OnShape, Amazon Web Services, Google Cloud Platform, Microsoft Azure
Spoken Languages: Spanish: Professional Working Proficiency, German: Limited Working Proficiency
Certifications: Amazon Web Service's Cloud Practitioner Certification