

FELIX GONDWE

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EDUCATION

Harvard Extension School, Cambridge, MA

MA Information Management Systems, Part time
Graduation: May 2021

St. Lawrence University, Canton, NY

BS Computer Science, 2nd Major Economics
Presidential Diversity Scholar
Graduation: May 2014

TECHNICAL SKILLS

- Programming; JavaScript, Python, SQL
- Back End: Pyramid Framework, SQL Alchemy, Elastic-Search
- Front End: ReactJs, Foundation CSS | Bootstrap CSS
- Familiar Technologies; AWS, Docker, Travis CI, NodeJs, .NET, C#, Material CSS, TypeScript

RELATED EXPERIENCE

Stanford, Genetics Department, Palo Alto, CA

Software Developer April '17 – present

- Lead Elastic-Search infrastructure orchestration using Docker
- Design and implement user interfaces to help biologists make sense of genomic data
- Develop REST micro-services to support The *Saccharomyces* Database Project(SGD) applications
- Write scripts to index complex genomic data into Elastic-Search clusters hosted in AWS

Stanford, Alliance for Genomic Resources, Palo Alto, CA

Software Developer April '17 – present

- Develop user interfaces to visualize DNA model organisms data
- Write programs to export The *Saccharomyces* Genome Database(SGD) data into Alliance data layer
- Implement full-text search methodologies using Elastic-Search for easy access into Alliance data
- Collaborate with Alliance team to plan and execute technology infrastructure strategy

Cvent Inc., McLean, VA

Software Developer June '14 – March '17

- Lead front end effort to modernize and optimize internal legacy applications
- Implement enterprise application integration middleware using C#, entity framework and SQL
- Design and implement REST micro-services to support web and mobile applications
- Collaborate with onshore and offshore team to build tools for automation of various tasks

Dow Jones and Company, New York, NY

Applications Development Intern June '13 - August '13

- Developed corporate social media platform using PHP, MySQL, AWS, Google API, WordPress MVC
- Worked with team of graphic designers to build front end infrastructure using HTML5, CSS3, JQuery
- Collaborated with Cyber Security team to build reliable and secure internal system tools

SUPPORTING EXPERIENCE

Residential Learning Communities, St. Lawrence University

Residential Assistant August '11 – May '14

- Manage a dormitory with 64 students
- Promote an environment conducive to academic and social development