

EMILY BLACK

Emilycblack95@gmail.com | 405.761.7493 | [GitHub](#) | [Website](#) | [LinkedIn](#)

SKILLS | Java, C++, HTML/XML, Python, SQL, Git, JavaScript, CSS

EXPERIENCE | **UNDERGRADUATE TEACHING ASSISTANT, THE UNIVERSITY OF OKLAHOMA**
AUG. 2018 – DEC. 2018

SOFTWARE DEVELOPMENT INTERN, IBM
MAY 2018 – AUG. 2018

- Interned in the IBM CIO's office in the Identity and Access Management domain, developing tooling and automation to aid in self-service registration for SSO.
- Developed a micro services replacement to a monolithic application that enables applications owners to self-register applications supporting OIDC and SAML.

VIRTUALIZATION ENGINEER INTERN, VERIZON
JUNE 2017 – AUG. 2017

- Worked with an internal virtual acceleration team to create and manage Windows and Red Hat Linux servers on virtual machines for clients, using a platform called vSphere.
- Completed a certified two-day course called "VMware vSphere: Skills for Operators" that gave hands on experience.
- My team placed 1st in Verizon's company-wide intern hackathon, and they're considering filing our solution as a patent.

UNDERGRADUATE RESEARCH ASSISTANT, THE UNIVERSITY OF OKLAHOMA
AUG. 2016 – DEC. 2016

- Worked on an application called Transit Assistant that assists ODOT agencies around the state to perform taxi services.
- Improved the backend by modifying C# classes and fixing bugs for the desktop application.
- Rewrote XAML & C# files to follow the MVVM standard.

SOFTWARE ENGINEER INTERN, VERIZON
JUNE 2016 – AUG. 2016

- Worked on an internal application under Verizon's enterprise level framework, Coffee Anywhere, which is used by thousands of internal users.
- Improved existing code by adding more efficient functionality and fixing bugs.
- Contributed to a project that saves Verizon roughly \$1.6 million a year.

INFORMATION TECHNOLOGY CONCIERGE, THE UNIVERSITY OF OKLAHOMA
AUG. 2015 – DEC. 2015

- Worked under a team called 'Boomer Buzz'.
- Assisted students in the Bizzell Library with any technology needs.

EDUCATION | **THE UNIVERSITY OF OKLAHOMA, COMPUTER SCIENCE**
AUG. 2014 – DEC. 2018