

# Colin McGovern

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## OBJECTIVE

Looking for a challenging C++ software engineering role in the Philadelphia area

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## WORK EXPERIENCE

### SEPAX TECHNOLOGIES INC

October 2018 - Present

Newark, Delaware

Lead Software Engineer

- ❖ Responsible for all critical information technology including all computers, software, networks, servers.
- ❖ Leading a team of junior software engineers
- ❖ Developing vital software with our equipment development team
  - The sole developer of a peak analysis algorithm which uses statistical inferencing to turn sample data into deconvoluted peaks. This algorithm is the heart of our GlyHb-100 lab machine.
  - Pioneered the release of our first successful lab machine in collaboration with our interdisciplinary team of American and Chinese engineers
  - C, C++, and Qt
- ❖ Adding features and fixing bugs on our intranet and website
  - Implemented changes that have resulted in more secure, reliable, and efficient systems for our employees and clients
  - LAMP stack: Linux, Apache, MySQL, PHP

### Barclaycard US

June 2018 - Sept 2018

Wilmington, Delaware

Triage Analyst

- ❖ Evaluated incoming tickets made from call center agents to determine the severity of incidents.
  - Used a variety of tools including Oracle SQL database, TSYS, IBM Tealeaf
- ❖ Applied problem solving, critical thinking, and communication skills with Barclays employees to determine how to go about fixing severe issues.

### SEPAX TECHNOLOGIES INC

May 2017 - February 2018

Newark, Delaware

Assistant Software Engineer

- ❖ Created features features and fixed bugs on company intranet and website
  - LAMP stack: Linux, Apache, Mysql, PHP
- ❖ Repaired computers, managed servers, and solved networking problems

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## EDUCATION

### UNIVERSITY OF DELAWARE

August 2014 - May 2018

Newark, Delaware

- ❖ Bachelor of Science in Computer Science
- ❖ Minor in Cybersecurity