

# Ricky Mangerie

Pittsburgh, PA | 724-683-2913 | ricky26mangerie@gmail.com | www.linkedin.com/in/rickymangerie

## EDUCATION

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### Drexel University

*Bachelor of Science in Computer Science*

Focuses: Software Engineering, Human-Computer Interaction

**Philadelphia, PA**

*March 2023 Graduate*

Major GPA: 3.54 | Cumulative GPA: 3.28

## SKILLS & CERTIFICATIONS

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### Coding Languages & Environments

Java, C, Python, SQL, HTML/CSS, JavaScript, Gradle, REST APIs  
AWS Lambda, Go, PHP, Swift, R, C++, C#, Power BI, WPF, Bash

### IT Certifications

TestOut PC Pro, TestOut Network Pro

## EXPERIENCE

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### Compunetix (Full-time)

*Java Software Developer – Federal Systems Division (FSD)*

**Monroeville, PA**

*Jul 2023 - Present*

- Member of the Platform Manager (PM) team with a focus on development of the Maintenance Client (MC), a mission and conference configuration application for the Mission Voice Platform (MVP)
- Independently created and currently maintain the Record & Playback Service (RPS) Interface, a timestamp-based multi-channel audio player and configuration tool for recorded conference audio
- Conduct ongoing development and extensive research for the second major iteration of the Mission Voice Platform (MVP) that is currently underway

### Aramark (Senior Project)

*Backend/Database Developer*

**Philadelphia, PA**

*Sep 2019 - Jun 2020*

- Created a proof-of-concept in a team of 6 for a university meal plan food ordering and delivery iOS app
  - Aggregated and stored menu data using the Marko API and SQL to be displayed within our app
  - Developed a mock ordering and delivery system using Swift, PHP, and SQL
  - Followed an agile development plan with 4-week sprints alongside a team lead at Aramark

### Comcast (Co-op)

*Digital Assistant App Developer*

**Philadelphia, PA**

*Sep 2018 - Mar 2019*

- Worked on a team of 5 using AWS Lambda and Go to incorporate the VoiceEdge conference system into the Comcast Business Alexa skill to enhance the user experience
- Independently integrated the Comcast Business Favorites system into the Alexa skill using JavaScript
- Created a frontend in HTML/CSS, JavaScript, and PHP to allow users to directly access and modify their Favorites

### OSIsoft, LLC. (Co-op)

*Software Developer*

**Philadelphia, PA**

*Sep 2017 - Mar 2018*

- Converted the proprietary OSIsoft visualization tool to a web-client version within a team of 4
- Designed and developed telemetry code in C# to track the conversion progress of the visualization tool
- Upgraded the UI of the OSIsoft data array display application to a modern version using WPF/C#

## AWARDS & EXTRACURRICULARS

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**Drexel Merit Scholarship:** Drexel University

*Sep 2015 - Jun 2021*

**Monaca PNA Scholarship Fund:** Polish National Alliance

*Sep 2015 - Jun 2020*

**Drexel University Photography Club:** Vice President

*Feb 2018 - Jun 2020*

**Piano:** professionally trained for 6 years, focuses in Classical and Jazz

*Jan 2009 - present*