Ricky Mangerie

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EDUCATION

Drexel University Philadelphia, PA

Bachelor of Science in Computer Science

March 2023 Graduate

Focuses: Software Engineering, Human-Computer Interaction

Major GPA: 3.54 | Cumulative GPA: 3.28

SKILLS & CERTIFICATIONS

Coding Languages & Environments

IT Certifications

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

TestOut PC Pro, TestOut Network Pro

EXPERIENCE

Compunetix (Full-time)

Monroeville, PA

Java Software Developer – Federal Systems Division (FSD)

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)

Philadelphia, PA

Backend/Database Developer

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
 - o Followed an agile development plan with 4-week sprints alongside a team lead at Aramark

Comcast (Co-op)

Philadelphia, PA

Digital Assistant App Developer

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)

Philadelphia, PA

Software Developer

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

Drexel Merit Scholarship: Drexel University

Sep 2015 - Jun 2021 Sep 2015 - Jun 2020

Monaca PNA Scholarship Fund: Polish National Alliance Drexel University Photography Club: Vice President

Feb 2018 - Jun 2020

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

Jan 2009 - present