Atandrila Anuva

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EDUCATION

Drexel University — Philadelphia, PA
Bachelor of Science in Computer Engineering – **GPA: 3.86/4.00 (Dean's List)** — Anticipated Graduation: June 2023

SKILLS

Programming: JavaScript, Python, C, C++, Java, Bash, VB.NET

Framework: Node.js, React.js, Bootstrap, Chakra UI

Technologies: Azure Durable Functions, Arduino, MongoDB, MySQL, Azure Cosmos DB, Kusto Query Language, SQL

Tools: Git, Visual Studio, MongoDB Compass, SQL Server Management Studio, MATLAB, ModelSim, UltiPro, Salesforce

WORK EXPERIENCE

goPuff, Philadelphia, PA | **Software Developer** *September 2020 – March 2021*

- Developed backend JavaScript program to perform tasks such as **Automating Employee Termination, Automating Slack Notification for errors during Onboarding Drivers, Synchronizing UltiPro data and Azure Active Directory**
- Built orchestrations using Azure Durable Functions **to optimize regular ITOPS function to 90% efficiency**
- Logged queries on Azure Portal using **Kusto Query Language** to surf through Application Insights and Function Apps as a part of debugging

iPipeline Inc, Philadelphia, PA | **Software Developer** *September 2019 – March 2020*

- Rewrote client-side .NET scripts in JavaScript, **decreased processing time by 70%**
- Designed and developed **screens for software** using iPipeline's proprietary screen designer; Programmed Bash scripts to automate regular manual tasks and **increased efficiency by 100%**
- Used Visual Studio and Team Foundation Server to navigate through files and push updates; SQL Server Management Studio to execute queries

Vertically Integrated Project, Drexel University | **Undergraduate Researcher** *February 2019 – January 2020*

- Programmed client codes in Python contributing to an **IoT Data Collection system** featuring a machine called **Impinj xArray**
- Developed **location data simulator** to visualize the real-time **localization operations on RFID tags** using xArray
- Switched database type from MySQL to **NoSQL in Python** to handle **real-time high-performance data processing**

PROJECTS

Caged Puppet – Animatronic Design | Lead Developer *April 2019 – June 2019*

- Developed embedded code for **Arduino** to coordinate with the mechanical parts of the puppet and to automate the **movement of eyes, hands, and nose of the animatronic robot** by implementing **motors, sensors, and speakers**
- Programmed **proximity sensors and infrared sensors** to alert the puppet when an obstacle is within **2 meters**
- Presented Animatronic staged as a puppet head inside a cage and its hands out on the stage

ACTIVITIES

- **DragonHacks Coordinator (Student run 24-hour long Hackathon; 250+ Participants)**, Drexel IEEE, *April 2019 – April 2020*
- **Tutor**, Engineering Learning Community & Academic Center for Engineers, Drexel University, *Sept 2019 – Sept 2020*
- **STAR Scholar**, Undergraduate Summer Research Program, Drexel University, *June 2019 – August 2019*
- **Note-Taker for Disabled Students**, Office of Disability Resources, Drexel University, *Sept 2018 – June 2019*