DEIVIDAS MICKEVICIUS

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EDUCATION

University of Illinois at Chicago - GPA 3.56 **Chicago, IL**
B.S Major: Computer Science, Minor: Math *May 2021*

COURSES

Algorithms | Data Structures | Machine Learning | Cloud Computing | Networking | Machine Organization | Computer Design | Systems Programming Software Design | OOP & Envs | Database Systems | Android Dev | Computer Graphics

Moraine Valley Community College Associated Computer Science. **Palos Hills, IL**

- Associate in Science (AS)

SKILLS

- **LANGUAGES**
  Python | Java | Scala | JavaScript | C | C++ | R | SQL
- **TECHNOLOGIES**
  Angular | AWS | Docker | Flask | Git | Gradle | Lightbend | Maven | Node.js | React | REST | sbt | Spring
- **OTHER**
  Android Studio | Arduino | Jupyter | Linux & Windows Systems | Network Administration | Raspberry Pi

PROJECTS

- **Trading Bot & Visualizer | Python**
  Implemented trading bot that has full market functionality. Places orders based on various market strategies utilizing binance API and TA-lib indicators. Deployed multiple visualizer plots in JS and Python that display live data and has functionality to include market indicators and buy/sell order visualization on plots. Requests are routed via Flask.
- **CAN & CHORD | Scala**
  Researched and implemented distributed and scalable p2p system via Content Addressable Network and Chord algorithms utilizing Akka actor models system that can store and query large datasets. Cloud deployed simulations on AWS ec2 instance utilizing docker image to replicate storage and retrieval of data.
- **Synthesis Tree of Gates | Python & Java**
  Research project designed on the constraint and construction of logical circuits given input files of pins, gate costs, and delays. DP approach to permutable path tree construction with dominant solution, given specific inputs stated.
- **Design Pattern Code Generator | Java**
  Designed an abstract factory template generator utilizing lightbend where the user can generate default or abstract templates for design pattern of choice. Modification of classes, interfaces, methods, of eight design patterns.
- **Midi Hands | Arduino**
  Designed wireless MIDI controlled gloves that translated button presses into MIDI via two transceivers and master node receiver to any chosen music software that supported MIDI.
- **RPSLS | Java**
  Created full stack online multiplayer game utilizing server and client communication between users. Optimized game to challenge multiple players on network for series of games demonstrating use of multi-threading.
- **Graph Analysis Paths | Python**
  Research project focusing implementation of Dijkstra's minheap approach to returning shortest path from a graph of nodes; storing all optimal pareto curve solutions, returning the shortest and longest desired paths and costs to the user.

PROFESSIONAL EXPERIENCE

Cognizant **Chicago, IL**
Full-Stack Software Engineer *October 2021 – March 2023*

- Built full-stack ecommerce website utilizing Spring Boot JPA, Spring Security, Angular Front-end and Restful services. Built MySQL database for users and customers. Deployed project and database on AWS.
- Manage internal SSO functionality monitoring SAML requests and responses troubleshooting between providers.

UPS **Hodgkins, IL**
Technology Support Group Specialist *November 2015 – January 2020*

- Performed extensive troubleshooting procedures resolving daily software and hardware issues.
- Initiated and lead hub project stages. Held accountability for teams to ensure equipment setup before projected dates.
- Maintained servers, cable management, data transfers, and equipment rebuilds for various hardware.

Revenue Recovery Specialist / Training Supervisor / Dock Supervisor

- Performed daily equipment and system audits to ensure correct package dimensionalities by equipment and team.
- Led teams of auditors to manage bulk package systems guiding diverse individuals ensuring safety and performance.
- Obtained lead training supervisor role that overlooked operations of all training groups for six months.

STUDENT ORGINIZATIONS

ASSOCIATION FOR COMPUTING MACHINERY (ACM), LINUX USERS GROUP (LUG) *August 2018 – May 2021*