Jacob Yanicak

973-632-4337   github.com/yanicakj

yanicakj@gmail.com   linkedin.com/in/jacob-yanicak

59 Belmohr St. Belleville, NJ, 07109   stackoverflow.com/users/8422565/kubie

Work Experience

Merck, Branchburg, NJ

Software Engineer Co-op   **Sep '19 – Present**
- Developing backend for Digital Fingerprinting application to interface with blockchain APIs

Software Engineer Intern   **Jun '19 – Sep '19**
- Developed API with Node.js & Express.js to capture training data for recommendation engine
- Constructed predictive model to proactively guess user interactions for the Julia intelligent chatbot built on top of global supply chain data
- Built Node.js solution to synchronize Google DialogFlow agent entities (chatbot vocabulary) with internally stored master data using the DialogFlow API
- Developed XML data transformation library for FDA pilot blockchain project to construct entity XML files to post to blockchain API for product commissioning

Horizon Blue Cross Blue Shield of New Jersey, Newark, NJ

User Acceptance Test Analyst   **Apr '17 – Jun '19**
- Automated UAT team's entire project intake process reducing weekly allocated time to project intake by 98%, from 11 hours to 10 minutes per week
- Built suite of automated tools in VBA reducing time needed to plan monthly release forecasting and financial chargeback by roughly 75%
- Developed BRD/TRD parser saving on avg. 2.5 hours per project for UAT leads & ALM admins

Systems Integration Test Analyst   **Oct '16 – Apr '17**
- Responsible for test scenarios/cases and test data setup for the agile testing of 2 member portal web/mobile pages using HP ALM platform

New Jersey Institute of Technology, Newark, NJ

3D Printing Lab Assistant   **Sep '18 – Present**
- Maintaining Ultimaker machines, printing student models, & optimizing prints in CURA

ACM Computer Science Tutor   **Sep '18 – Present**
- Tutoring fellow students on undergraduate & graduate Computer Science topics

Education

New Jersey Institute of Technology, Newark, NJ   **Graduating Dec '19**

B.S. Computer Science, 3.97 GPA
- Albert Dorman Honors College
- ICPC Programming Team
- Tech Interview Club – Member
- Dean's List
- Alpha Phi Omega Service Fraternity – Webmaster

Graduate Coursework
- CS634 – Data Mining
- CS644 – Introduction to Big Data
- CS610 – Advanced Data Structures & Algorithms

Skills & Competencies

- JavaScript/Node.js
- Python/Java/SQL
- Linux/Unix Sys. Adm.
- Google DialogFlow
- MongoDB/Firebase
- Git & Version Control
- HP ALM
- API Development
- Android Development