in LINKEDIN.COM/IN/YIGIT-ALPARSLAN 🌐 HTTPS://YA332.GITHUB.IO ✉ ALPARSLANYIGITCAN@GMAIL.COM ⬤ GITHUB.COM/YA332 📞 2676908405

YIGIT ALPARSLAN

EDUCATION

M.S. in Computer Science | B.S. in Electrical & Computer Engineering | Drexel University

- Master's Thesis on Artificial Intelligence and Machine Learning **Cumulative GPA: 3.97**
- Drexel Global Scholar, BS/MS Graduate, Drexel AI Founder, Honors Degree **BS/MS Graduation: June 2021**

SKILLS

- Python • Java/Spring Boot • C • C#/.NET • Git • Docker • HTML • CSS • JavaScript/TypeScript • NodeJS • React • Vue.js
- MongoDB • MySQL • RESTful API • GraphQL • Travis CI/CD • AWS/AliCloud/GCP • Django • Firebase • Tableau • Redis

WORK EXPERIENCE

Software Engineer| Microsoft - Redmond, WA   July 2021 - Present

- Backend development as part of Digital Platform Engineering to enable Microsoft's internal finance platform

STAR Program Intern| SAP North America, Inc. - Newtown Square, PA

Software Engineer Intern| SAP Multi Cloud Team   Feb 2021 - June 2021

- Automate internal LoB purchases through AWS, Azure and GCP APIs.

Software Engineer Intern| SAP Predictive Maintenance Team   Sept 2020 - Feb 2021

- Develop RESTful API for a failure curve analytics app to predict time to failure and failure mode for equipments

DevOps Engineer Intern | SAP Multi Cloud Team   June 2020 - Sept 2020

- Delivered 8 routing table displays for an internal monitoring platform (50+ people) on SAP's AliCloud architecture

UI/UX Developer Intern | SAP Talent Acquisition and Branding   Mar 2020 - June 2020

- Develop and maintain jobs.sap.com (10 million+ visits / year) using HTML5, CSS3 and JavaScript

Full-Stack Developer Intern | SAP Center of Expertise   Apr 2019 - Mar 2020

- Improved interaction counts by 3x for an internal training app (400+ people) by implementing a conversational AI
- Created a neural network in SAP Cloud Platform to predict SAP cloud customers' churn rate with 86% accuracy

Outage Analysis Technologies Coop | PJM, Audubon, PA   Mar 2019 - Sept 2019

- Reduced performance testing duration for in-house applications by 50% via Python and PL/ SQL scripts
- Unit-tested/maintained new application functionalities throughout the agile development lifecycle
- Facilitated SCRUM events by using Confluence/JIRA for quality control and developed design requirements

PROJECTS

DRIVE UP! | Android App @ Play Store (Java)   June 2020 - July 2020

- Developed, maintained, and published an android app written in Java to Play Store
- Implemented a machine learning model that can detect driver drowsiness under 80ms with 98% accuracy

Free Food Book | Social Media App   Jan 2020 - Apr 2020

- Developed a social media app that lets users find food deals with MongoDB, Node, React, Express and Travis

Linkify| Personal Brand Management App   Jan 2020 - Mar 2020

- Developed a full stack app with MongoDB, Express, React, & NodeJS deployed on Heroku Cloud Platform

Churn Rate Predictor | Docker Web Application   Dec 2019 – Mar 2020

- Created a full stack app with Django, React, MySQL and Docker deployed on Heroku to predict SAP Max Attention customer churn rate with 86% accuracy based on historical data

HELP UP! | Mental Health Support Platform   Sept 2019 - Jan 2020

- Developed a non-emergency anonymous chat platform for people who need help with mental depression
- Created account registration, login, chatrooms, messaging with Firebase, Express, Node.js React and Socket.io

PageRank Implementation with MapReduce and Hadoop   June 2019 - July 2019

- Used MapReduce on Hadoop Distributed File System to implement page rank algorithm

LEADERSHIP EXPERIENCE

- Drexel Society of AI - Founder & President - Promote AI research, mentor members, facilitate workshops
- Drexel SimpleX – Founder, Editor-In-Chief, Student-run Research Publication Magazine at Drexel University
- DragonHacks (Drexel's very own 24-hour Hackathon) - Committee Member – Organize the hackathon activities
- Resident Assistant 2018 – Facilitate freshman class residency trainings
- Teaching Assistant 2018 - present – Teach Parallel Computing, Deep Learning and AI classes for graduate students
- Drexel STAR Research Scholar; Undergraduate Research Leader; DAAD-Rise Germany Scholar; Drexel A.J Scholar