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| **YIGIT**  **ALPARSLAN** | [**LINKEDIN.COM/IN/**](https://www.linkedin.com/in/yigit-alparslan/)**YIGIT-ALPARSLAN** | **HTTPS://**[**YA332.GITHUB.IO**](https://www.yigitalparslan.com) |
| **ALPARSLANYIGITCAN@GMAIL.COM** | Productivity Business Axe Logo Erp Sap Se Clipart - Sap Logo Black ... **PHILADELPHIA, PA, US** |
| [**GITHUB.COM/YA332**](https://github.com/ya332) | [**SAP PEOPLE’S PROFILE**](https://people.wdf.sap.corp/profiles/I508553) |

I like immersing myself in new technologies and live for delivering software products. I specialize in AI & ML, full-stack and public cloud app development. I am looking for roles in the US & Canada.

**EDUCATION**

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

* Concentrations: Artificial Intelligence and Computer & Network Security **Cumulative GPA: 3.97**
* Honors Degree, Dean’s list Expected Graduation: June 2021

**SKILLS**

• Python • Java • C • Hadoop • Git • Docker • HTML • CSS • JavaScript/TypeScript • NodeJS • React.js • Vue.js • Redis

• MongoDB • MySQL • RESTful API • GraphQL • Travis CI/CD • AWS/AliCloud/GCP • Django • Firebase •Tableau

• SAP UI5 • SAP Analytics Cloud/ Cloud Platform • SAP Web IDE • SAP Conversational AI • SAP BusinessObjects • SAP HANA XSA

**WORK EXPERIENCE**

**STAR Program |** [**SAP North America, Inc**](https://boomi.com)**.** **- Newtown Square, PA**

**Software Development Intern |** [**SAP Multi Cloud**](https://boomi.com) **June 2020 - Present**

* Code network monitoring platform for SAP’s AliCloud and AWS Public Cloud Architecture

**UI/UX Developer Intern | SAP Talent Acquisition and Branding Mar 2019 - June 2020**

* Develop new careers job description pages for jobs.sap.com (10 million+ visits / year)

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

* Boosted start time of an internal assignment tracker app (400+ people) by 15% via lazy loading and caching
* Improved interaction count by 3x for an internal training app by implementing a conversational AI
* Created a neural network with 86% accuracy to predict SAP Max Attention customer churn rate

**Outage Analysis Technologies Coop | PJM, Audubon, PA Apr 2018 - Sept 2019**

* Automated system performance for in-house applications, and databases via Python, PL/ SQL, and Visual Basic
* 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

**Lem.ma, Inc | Start-up at Drexel University, Philadelphia, PA May 2017- Sept 2017**

* Created over 100+ 2D/3D plots and graphics for an online education platform.by using Python and JavaScript

**PROJECTS & RESEARCH**

[**DRIVE UP!**](https://play.google.com/store/apps/details?id=driveup.facedetector) **| Android App @ Play Store June 2020 - July 2020**

* Developed, maintained, and published an android app to Play Store to alert drowsy drivers when they doze off
* Implemented a machine learning model that can detect drowsiness under 80ms with 98%

[**Training Dashboard**](https://interndashboard-d774d7966.dispatcher.us2.hana.ondemand.com/) **| Workforce Optimization App**  **Apr 2019 - Apr 2020**

* Developed RESTFUL API with Postman & SAP XSJS and implemented database with SAP HANA & MySQL
* Implemented secure integration with SAP Cloud Platform using enterprise integration patterns
* Designed frontend architecture for scalable enterprise using SAP UI5, JavaScript HTML5, jQuery
* Developed RESTFUL API with Postman & SAP XSJS and implemented database with SAP HANA & MySQL

[**React Feedback Popup**](https://www.npmjs.com/package/react-feedback-popup) **| Open Sourced NPM Package (100+ downloads/month) Mar 2020 - Apr 2020**

* Designed a production-level feedback package in React.js and published to NodeJS Package Manager Platform
* Employ CI/CD with Travis to maintain deployments, test with Jest framework and handle Pull Requests via GitHub

[**Free Food Book**](https://freefoodbook.netlify.com/) **|** **Social Media App Jan 2020 - Apr 2020**

* Developed a social media app that lets users find events with free food and discounts and maintain engineering infrastructure, tools and services with MongoDB, NodeJS, React.js, Express, Travis CI/CD.

[**Linkify**](https://linkify.herokuapp.com)**|** **Personal Brand Management App**  **Jan 2020 - Mar 2020**

* Developed backend with MongoDB database and NodeJS server deployed to Heroku Cloud Platform
* Implemented UI with React, JavaScript, HTML5, CSS
* Coded account registration, login, encrypted messaging with MongoDB, Express, Node.js React and Socket.io

[**Churn Rate Predictor**](https://tfpg-sap.herokuapp.com) **| Docker Web Application Dec 2019 – Mar 2020**

* Developed 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!**](https://helpup-production.firebaseapp.com) **|** **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

**Perceptual Hashing as a Facial Image Filter presented @ Drexel University Apr 2019 - June 2019**

* Used Gaussian Blurring as a defense against adversarial attacks, which reported 3.6% increase in accuracy

**Evaluating Adversarial Attacks in Audio Domain presented @ Harvard University Jan 2019 - Apr 2019**

* Crafted 27 CTC white-box, and PCA black-box attacks on DeepSpeech with 100% success

**Evaluating Deep Neural Networks’ Robustness presented @ Stanford University Nov-Dec 2018**

* Performed 10,000+ non-targeted CW attacks to DNNs and reported an improvement of 44.3% on L2 defense

**LEADERSHIP EXPERIENCE**

* Drexel Society of AI - Founder & President - Promote AI research, mentor members, facilitate workshops
* 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