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SUMMARY

New Graduate Software Engineer with a strong background in Mobile App development, holding a PhD in Computer Science. Proven track record of award-winning coding skills in hackathons, with a focus on delivering innovative and scalable mobile solutions.

EXPERIENCE

Mobile App Development Intern *VantaLabs, Summer 2022*
- Designed and developed a mobile app for healthcare services using React Native and integrated with Firebase authentication
- Collaborated with the design team to create a user-friendly interface and significantly improved the app's overall user experience
- Implemented a data analytics dashboard using Tableau and resolved data sync issues with MongoDB

Research Assistant *Georgia Tech University, 2020-2022*
- Contributed to the development of a mobile-based AI-powered mental health platform using Python and TensorFlow
- Published a research paper on the application of machine learning in mobile health services and presented at a national conference
- Mentored undergraduate students in mobile app development and supervised their projects

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PROJECTS

Mental Health Mobile App *Personal Project, 2021*
- Built a mobile app for mental health support using Flutter and integrated with Google Cloud APIs
- Developed a machine learning model using scikit-learn to predict user stress levels and provide personalized recommendations
- Presented the project at a hackathon and won the first prize

OpenSensor Project *Open-Source Contribution, 2020*
- Contributed to the development of an open-source mobile app for sensor data collection using Android and integrated with AWS IoT
- Implemented a data visualization module using D3.js and resolved issues with data storage using PostgreSQL
- Collaborated with the community to improve the app's functionality and fix bugs

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TECHNICAL SKILLS

TECHNICAL SKILLS Languages: Java, Swift, Python Frameworks: React Native, Flutter, TensorFlow Cloud: AWS, Google Cloud, Azure Tools: Git, Docker, Jenkins Databases: MySQL, MongoDB, PostgreSQL OS: Android, iOS, macOS

EDUCATION

PhD in Computer Science, Georgia Tech University, 2022 GPA: 3.9/4.0 Relevant Courses: Mobile Computing, Human-Computer Interaction, Machine Learning Dissertation: "Mobile-Based AI-Powered Mental Health Services"