Job Description  
  
The ideal candidate is a critical thinker, is passionate about solving mathematical and behavioral problems with data and is excited about working in a fast-paced, innovative and collaborative environment as part of the Product Engineering team.

* Perform end-to-end/full stack software solutions development and deployment of our Machine Learning (ML) and Artificial Intelligence (AI) algorithms
* Write, design, code, test, implement, debug, and validate applications; document design decisions and develop modular software components; monitor system performance metrics, and identify potential risks/issues
* Closely partner with product team on time to value discussions and implementation considerations
* Provide technical guidance, communicate technical decisions, and mentor developers
* Partner with Product Engineering and Technology leadership to ensure a consistent technology strategy across teams and products
* Lead multiple software development initiatives at any given time, serving as an expert for the escalation of complex application design and development issues.
* Perform regular architecture, application design and code reviews on machine learning projects
* Working knowledge of production data pipelines supporting modeling techniques and model interchange in production settings
* Deep understanding of data design systems and experience handling large data sets
* Ability to articulate complex technical ideas and issues effectively
* Present project metrics, complex ML and AI concepts to both technical and non-technical audiences.
* Work with all levels within the company including executive leadership

Qualifications

* Expert knowledge of production data pipelines supporting modeling techniques and model interchange in production settings, etc.
* Background in software development – understanding of object oriented and functional programming concepts, as well as software design patterns and principles (SOLID, DRY, etc)
* Experience with common machine learning libraries (e.g., scikit-learn, scipy, numpy, matplotlib, pandas etc)
* Experience with Python
* Strong communication skills with a high emphasis on the ability to explain technology in business terms and to express opinions clearly.
* Complex Analysis/Comprehension - Reading & Writing
* Complex Judgement/Decision Making
* Understanding of security and compliance and the impact as it relates to mobile and mobile-web applications (PCI, Accessibility, etc.)
* Solutions oriented – ability to creatively solve problems on the fly
* Ability to make decisions and drive initiatives to completion
* Design, train and deploy machine learning systems
* Ability to perform exploratory data analysis

SKILLS

* In depth knowledge of the following development languages and technologies: Python, C#, Java, Objective-C, React, Angular, Vue, ES6, , APIs and GraphQL
* Experience with Cloud deployments (AWS or other) and machine learning tools (SageMaker)
* AWS, Jenkins, git / gitflow, and development tools (memory / debugging, static code analysis, testing frameworks)
* Multiple authentication technologies: SAML, OAUTH, JWT Token
* TDD, DevOps, and Agile processes
* Architecting for cloud infrastructure

EDUCATION / EXPERIENCE

* Pursuing or recently acquired Masters or PhD in Computer Science,
* Bachelor’s degree in Computer Science or Computer Engineering, or related field
* 5+ years of mobile solutions development in C#, Java, Objective-C
* 7+ years of experience coding in JavaScript, HTML, CSS
* 7+ years of experience interfacing with Rest API's, JSON, XML
* 10+ years of software engineering solutions
* Multiple applications and/or libraries in personal portfolio