

Bryce Plunkett

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EDUCATION	Candidate for Bachelor of Science in Computer Science at Georgia Tech GPA: 4.0 <i>Expected to Graduate:</i> Spring 2022 <i>Notable Classes:</i> Data Structures, Design and Analysis of Algorithms, Discrete Math, Emerging Database Technologies, Linear Algebra, Objects and Design
EXPERIENCE	<div>Software Engineering InternSummer 2021 <i>Stripe - Mongo Reliability and Performance</i><ul style="list-style-type: none">Developed multi-stage, scalable data pipeline with Golang, Kafka, GRPC, and Aurora to centralize and increase visibility of Mongo nodes' statusesAdded observability to pipeline via comprehensive metrics and thorough documentation in order to ensure robustness and maintainability of systemUpdated legacy Mongo automation Ruby code to leverage internal Stripe auditing system, highlighting Mongo replsets modified by the automation</div> <div>Software Engineering InternSummer 2020 <i>Tesla</i><ul style="list-style-type: none">Developed an automatic testing framework in Java for decision tables that parsed test cases from several file formats, let the user specialize and configure them through a builder, and executed them in a sandboxed environmentWrote reusable and extendable code blocks to standardize HTTP requests and GraphQL queries/mutations with appropriate logging and error handling</div> <div>Software Engineering Co-OpSpring 2020 <i>HubSpot</i><ul style="list-style-type: none">Contributed to integrations with Facebook, Google, and LinkedIn ad networksDeveloped codebases that queried graph and REST APIs with robust data processing and error handling</div> <div>Software Engineering InternSummer 2018, Summer 2019 <i>Johns Hopkins University Applied Physics Laboratory</i><ul style="list-style-type: none">Built interactive data visualization widgets for massive data sources using Angular, D3, JavaScript ES6, and PythonAssisted in coding Java analytics algorithm for the group's data analytics libraryWrote VBA and Python scripts to resolve discrepancies between large data sets</div>
PROJECTS	Naval Analytics Software 2017 <i>MongoDB, Express, Angular, NodeJS, Python</i> <ul style="list-style-type: none">Scrapes information from Wikipedia pages about Naval ships and places them into a standard format along with standard unitsCalculates a similarity value (along with other metrics) and ranks how similar one ship is to all others
ACTIVITIES	Bits of Good Senior Developer 2019 <i>Chapter of hack4impact; build software for nonprofits</i> <ul style="list-style-type: none">Developed webapp backends using MERN and TypeScript and Next.js stacksWrote MongoDB queries and aggregations
TECHNICAL SKILLS	<i>Advanced:</i> Java, JavaScript, Python, TypeScript, Golang, HTML, CSS, git, SQL, MongoDB <i>Intermediate:</i> C, LaTeX, gRPC, Kotlin, Scala, React, Ruby, Angular ≥ 2