

Bryce Plunkett

Ellicott City, Maryland
plunkett.bryce.m@gmail.com | <http://bryceplunkett.com>

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, Discrete Math, Linear Algebra, Objects and Design
EXPERIENCE	<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 calls as well as queries to GraphQL API's (and related 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 handlingBuilt REST endpoints using JAX-RS and various worker jobs that consumed from a flavor of Amazon SQS</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> <div>High School Intern2016-2018 <i>Johns Hopkins University Applied Physics Laboratory</i><ul style="list-style-type: none">Leveraged Apache Storm, Hadoop, Apache Kafka, and VivaGraph (WebGL) to build real-time, distributed data ingestion and visualization engines</div>
PROJECTS	<div>Naval Analytics Software2017 <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</div>
ACTIVITIES	<div>Bits of Good Senior Developer2019 <i>Chapter of hack4impact; build software for nonprofits</i><ul style="list-style-type: none">Developed (secure) REST backends using express and NodeJSCreated a system to queue and scrape data from file uploadsWrote MongoDB queries and aggregations</div>
TECHNICAL SKILLS	<i>Advanced:</i> Java, JavaScript, Python, TypeScript, NodeJS, Angular ≥ 2 , Kotlin, HTML, CSS (and SASS), git, JIRA <i>Intermediate:</i> Bash, C, VBA, PHP, LaTeX, MySQL, MongoDB, Express, Maven, GraphQL, Docker, Flask, Spring