

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> December 2021 <i>Notable Classes:</i> Data Structures, Discrete Math, Linear Algebra, Objects and Design
EXPERIENCE	<div>Software Engineering InternSummer 2018, Summer 2019 <i>Johns Hopkins 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 pythonDeveloped a prototype desktop application using Electron, Express, Node, and Angular 6Assisted in coding Java 8 analytics algorithm for the group's data analytics libraryUsed git as a VCS and JIRA for all projects while on development teamsWrote VBA and python scripts to resolve discrepancies between large data sets</div> <div>High School Intern2016-2018 <i>Johns Hopkins 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> <div>Interstellar Merchant Android App2019 <i>Java, Kotlin, MongoDB</i><ul style="list-style-type: none">Adventure style game set in randomly generated universeServed as project leader and managed the VCS, user stories, and design process</div> <div>Image Steganography Tool2018 <i>Python, C#</i><ul style="list-style-type: none">Encodes and decodes messages into and from images by modifying the LSBEncrypted bits are diffused throughout the image rather than placed linearly</div>
ACTIVITIES	<div>Bits of Good Senior Developer2019 <i>Chapter of hack4impact; build software for nonprofits</i><ul style="list-style-type: none">Helped develop Express middleware for MERN app intended for the International Rescue CommitteeCreated comprehensive documentation for API using Swagger Docs</div> <div>Data Science Club2018 - 2019 <i>Member of Project Team</i><ul style="list-style-type: none">Worked with team of other students to predict the performance of non-English speakers in games related to learning EnglishUsed R to analyze and augment data setsCreated unique visualizations of data with ggplot2</div>
TECHNICAL SKILLS	<i>Advanced:</i> Java, JavaScript, Python, TypeScript, NodeJS, Angular ≥ 2 , Kotlin, HTML, CSS (and SASS), git, JIRA <i>Intermediate:</i> Bash, VBA, R, PHP, LaTeX, MySQL, MongoDB, Express, Maven