BRYCE A. JUNKINS

brycejunkinz@gmail.com | brycejunkins.com | github.com/bajunkins

Education:
North Carolina State University (Expected Graduation: May 2021)
- Pursuing BS in Computer Science, G.P.A 3.72

Work Experience:
- **Network Test Engineering Intern, *Nokia,*** January – August 2019
  - Collaborated with a team of QA professionals to overcome test failures and fix complex bugs while managing deadlines.
  - Automated process for updating deprecated test scripts.
  - Exposed to all aspects of the software development process, from planning to developing to testing.
- **Smart Lighting Intern, *Cree Inc.,*** Summer 2018
  - Developed a Stress Analysis tool used by Electrical Engineers increasing efficiency and consistency.
  - Participated in Electrical Hardware and Software design and troubleshooting projects, shadowed during the product development process.
- **Cisco High School Intern, *Cisco Systems,*** Summer 2017
  - Worked with peers to develop a working prototype of a new product concept and presented to executives on advantages and trade-offs.

Technical Skills:
- Programming
  - **Java, Python**, **JavaScript, C,** **Golang** (in order of proficiency)
  - Data Structure and Algorithm fluency
- Tools / Technologies:
  - **Linux, Git, AWS (EC2, Amplify)**
  - **Angular, Gatsby, React**

Side Projects / Extracurriculars:
- **TuneChef: Intelligent Spotify Playlist Creator** – *brycejunkins.com/tunechef/*
  - Web App built on Node.js with React that allows a host to create a party of Spotify users and intelligently generate playlists based on the combined music tastes of members
  - Designed algorithm to create playlists with user data retrieved from the Spotify API
- **Reddit Thought-Police-Bot** - *brycejunkins.com/thoughtbot/*
  - Built a Reddit bot in Python that conducts a Sentiment Analysis investigation on target users, using the PRAW and TextBlob libraries.
  - Deployed on an EC2 instance, continuously checking for username mentions
- **Tech@NCSU Club Officer and Front-End Lead**
  - Building a Web App for an on campus non-profit food pantry
  - Responsible for improving membership and management of Club
  - Leading the front-end team; developing with Angular framework