

EDUCATION

- **Clemson University** Clemson, SC
Batchelor of Science in Mathematical Sciences
Batchelor of Science in Physics *Aug. 2018 - May 2021*

EXPERIENCE

- **Poltys Inc.** Anderson, SC
Software Developer *Jan 2019 - Present*
 - **App Development:** TODO: Resume development
 - **Data Science:** Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.
 - **Web Development:** Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.
- **Oak Ridge National Laboratory** Oak Ridge, TN
Research Intern *Summer 2020*
 - **Theoretical Neural Network Modeling:** TODO: Resume development
 - **Computational Machine Learning Development:** Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.
- **Clemson University** Clemson, SC
Research Assistant *Jan 2019 - Present*
 - **SAFARI:** SOSOLIK
 - **Automation Systems:** SOSOLIK
 - **Quantum Ion Scattering Simulation:** MARINESCU
 - **Atmospheric Ray Tracing:** KAEPPPLER

PROJECTS

- **Auto2FA:** Browser extension that generates 2FA tokens following RSA or Yubikey Token protocol and automatically fill out 2FA forms
- **Covid Data Visualization:** Producing interactive visualizations of SC Covid cases over time using D3
- **Computational Physics Modeling:** Computational modeling and visualization of physical systems in Python
- **Chickfila Coupon Manipulation:** Producing Chickfila coupons for free sandwiches by manipulating the survey response portal

PROGRAMMING SKILLS

- **Languages:** : Python, Java, Kotlin, Swift, JavaScript, Rust, SQL, R
- **Technologies:** : AWS, TensorFlow, Django, D3.js, Linux, Android, iOS