Brandon Kwintner

(732) 513-2795 | brandon.kwintner@gmail.com | bkwintner.herokuapp.com

EDUCATION
- University of Maryland, College Park, Maryland
- Bachelors of Science in Computer Science, Expected May 2021
- GPA - 3.6, Dean's List Spring 2019, Fall 2020

TECHNICAL SKILLS
- **Languages:** Java, Python, Javascript, NoSQL / SQL, HTML, CSS, Swift, C.
- **Frameworks & Platforms**: React, Express.js, Material-UI, Salesforce, Aura / Lightning, Heroku.
- **Tools & Technologies:** Node.js, Unix, MongoDB, PostgreSQL, Git, Atlassian JIRA, Postman, Eclipse, IntelliJ, Visual Studio Code.

EXPERIENCE

Full Stack Web Developer - University of Maryland - ESSIC, August 2020 - July 2021
- Designed and developed a dynamic UI to optimize UX using HTML, CSS, Javascript, React, Material-UI.
- Implemented RESTful API and database connectivity using Node.js, Express.js, MongoDB.
- Implemented authentication-based access to pages using Passport.js and JWT.
- Implemented interactive map to set user location preferences using Google Maps API.
- Created dynamic graph with filtering functionality to display predictive crop data using Chart.js.
- Manipulated NASA / NOAA data to create contour maps of local regions using Python.
- Deployed full stack web applications using Heroku and Git.

Teaching Assistant - University of Maryland - CMSC Department, August 2019 - January 2021
- Held weekly office hours for CMSC131 / CMSC216, introductory level courses on Java and C, and CMSC388A / CMSC388B, courses that cover full stack web development.
- Provide assistance to students by helping debug and identify issues with their code.
- Responsible for grading a portion of student assignments and exams.

Software Engineer Intern - Sparta Systems, June 2019 – August 2019
- Successfully completed 7 user stories relating to UI / UX of Lightning Components in Salesforce using HTML, CSS, Aura / Lightning within 2 weeks of start date.
- Developed Jenkins job status messaging integration with Slack to conveniently access latest package build statuses.
- Addressed a crucial customer need by enabled multi-language usage by fixing page render failures due to invalid HTML / Javascript encodings involving translations.
- Reduced translation testing setup time by over 75% by automating configuration process using Visual Basic Editor in Microsoft Excel.
- Executed regression and validation testing for Summer 2019 release.
- Provided users a more convenient way to access e-signature history by creating an entire Lightning Component using HTML, CSS, Aura / Lightning, Javascript, Apex, SOQL.

PROJECTS

COVID-19 Tracker - Summer 2020
- Built web application to display real time Covid-19 data using HTML, CSS, Javascript, React, Material-UI.
- Implemented API to fetch and display country / world Covid-19 data using Chart.js.

PyArcade - CMSC435, Spring 2020
- Developed a terminal-based video game arcade system with an interactive UI in Python.
- Implemented RESTful API and database connectivity with Python, Django, and SQL.