Brandon Ryu

(267) 290-7340 | byenguk0116@gmail.com | Horsham, PA 19044
linkedin.com/brandon-ryu | github.com/bryu0116 | Portfolio

PROFESSIONAL SUMMARY

Full Stack Web Developer leveraging a background in education background to build a more intuitive user experience on the web. Received a certificate in full stack development from the University of Pennsylvania Coding Bootcamp, with newly developed skills in JavaScript, HTML, CSS, Node.js, MongoDB, React.js and other responsive web design. With each project, my aim is to best engage my audience for an impactful user experience. I worked on a team of three to develop a single-page web called WrappIt. This app is for users who are having trouble finding that perfect gift. Open-source CSS framework: Ulkit, New York Times API for books and movies, and eBay API for home décor, cooking, makeup, and video games & consoles were used to the App. I'm excited to leverage my skills as part of a fast-paced, quality-driven team to build better experiences on the web.

TECHNICAL SKILLS

Node.js, Express, JavaScript, jQuery, React.js, React, JSX, GIT, GitHub, MongoDB, MySQL, Mongoose, Handlebars, HTML5, CSS3, Bootstrap, APIs, Heroku, Terminal, AJAX, Restful API, React Hooks, JSON, Sequelize.

RELEVANT EXPERIENCE | PROJECTS

WrappIt App | Full Stack Developer | Deployed Link | Github Link
An application for users who are having trouble finding that perfect gift. Open-source CSS Framework Ulkit, New York Times API for home décor, cooking, makeup, and video games & consoles were used to the WrappIt App.
- **Role**: Helped create the server, controllers, config (Back-End)
- **Tools**: HTML, CSS, JSON, Express, Handlebars, AJAX, HTTP GET requests, and Server-side APIs

Employee-Directory | Front End Developer | Deployed Link | Github Link
React app to view entire employee directory at once and allows audience to view employees' information.
- **Role**: Front end React.JS app
- **Tools**: React.JS Random User API, JavaScript, HTML and CSS

Online/Offline Budget Trackers | Full Stack Developer | Deployed Link | Github Link
Web application that allows the users to add expenses and deposits to their budget with or without a connection. When entering transactions offline, they should populate the total when brough back online.
- **Role**: Sole author
- **Tools**: Node.js, Express, Mongoose, Morgan, MongoDB, Heroku, CSS, HTML

Weather Dashboard | Front End Developer | Deployed Link | Github Link
A weather app that will give you the current weather conditions for a specific city.
- **Role**: Used jQuery AJAX method to make requests to server-side APIs. Created an HTML page and styled with CSS and integrated OpenWeatherMap API and manipulated the DOM using JavaScript leveraging the DOM API.
- **Tools**: HTML, CSS, JSON, Materialize, AJAX, HTTP GET requests, and Server-side APIs

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PROFESSIONAL EXPERIENCE

Reed Technology and Information Services Inc.; Horsham, PA   09/2020 - Present
Data Editor
Verifies the accuracy, completes and legibility of all patent data, making corrections, additions or deletions as appropriate.
- Searches entire application file locating all pages with live patent text; sorts and assembles pages in a prescribed sequence.

Wells Fargo; Philadelphia, PA   04/2020 - 09/2020
Data Entry Clerk – Lock Box
Enter numerical data into databases with speed and accuracy using 10-key pad.
- Keying personal and company checks.
- Improved data entry accuracy by 60%.

Memphis Street Academy Charter School.; Philadelphia, PA   08/2017 – 10/2019
Middle School Math Teacher
Teaches mathematics to students in 5th through 8th grade.
- Diversified teaching techniques and learning tools help students with differing ability levels and varied learning modalities.
- Prepared and run after-school tutoring for students with learning difficulties that helped improve their final test results by 30%.

EDUCATION

Full Stack Web Development Certificate - University of Pennsylvania; Philadelphia, PA | **2021**
A 24-week intensive boot camp program focused on gaining technical programming and market-driven skills.

Full Stack Web Development Certificate - Udemy; online | **2021**
Udemy boot camp program focused on gaining technical programming and market-driven skills.

Master of Education in Middle Grade Education – Temple University; Philadelphia, PA | **2017**
A 15 months intensive Temple Teacher Residency Program devoted to preparing diverse and highly-motivated individuals with strong STEM knowledge to teach mathematics or Science in high-need schools in the city of Philadelphia.

Mathematics, Bachelor of Arts – Temple University; Philadelphia, PA | **2016**