



Virtual Business Card: Bump Card

Julian Mastroianni '22

Faculty Advisor: Peter Yoon

Department of Computer Science, Trinity College, Hartford, CT



Introduction and Significance:

- Business cards exist in the physical world today, but can be dematerialized
- Bump Card offers the opportunity to add non-technical skill sets or hobbies
- Information on card is not static. Senders can emit or add information depending on the recipient

Methods/Technology:

- Front-end: JavaScript, HTML, CSS
- Back-end: PHP, used for interacting with Google's SMTP server
- MySQL for data storage and manipulation
- APIs offered by Microsoft for html2canvas



Julian A. Mastroianni

Intelligent Automation Analyst

About Me

Interests primarily lie in the tech industry and its relationship with society. He is pursuing a career in product design.

Education

- 2018-2022 | Computer Science
Trinity College
- 2014-2018 | High School Diploma
New Canaan High School

Experience

- Investment Banking Summer Analyst
 - Developed newsletters for Quarter 1 & 2 which highlighted AGP's recent transactions, industry focus, division of sectors, and the related calculations to overall transactions (e.g., median EBIDTA, median EV, median EV/EBIDTA ratio, etc.)
 - Conducted market research within specific industries for potential transaction activity
 - Updated and redesigned industry decks, company overviews, and roadshow presentations which utilized FACTSET, SPAC, Bloomberg, and other financial instruments
 - Worked alongside analysts to highlight key points for potential equity deals via Zoom conferences
 - Collected and reviewed market deal history information to provide data about market trends in warrant coverage, premiums/discounts, and deal prices/proceeds
- Software Engineer
 - Helped further develop the organization's internal infrastructure involving importation/exportation data, along with optimizing key features on Rethink's mobile application.

Contact

203-482-9300

jmastroi@trincoll.edu

<https://www.linkedin.com/in/julianmastroianni/>

Skills

JAVA ★★★★★

PYTHON★★★★★

SPANISH★★★

Hobbies

- Guitar
- Basketball
- Skateboarding

Outcome:

Successfully created a web app where a user creates an account, a business card, and can then send it to whomever they wish via email, including a custom email subject and supplementary message. Can be used for networking purposes or regular social interactions. Offers both professional and social aspects.

Future Directions:

- Creating an iOS app where user can send card through Bluetooth
- Option to send card via SMS
- Ability to store recipient's card in Apple Wallet for quick access

iOS

