NATALIE **POWELL**

COMPUTER SCIENCE & PSYCHOLOGY STUDENT

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EDUCATION

RUTGERS UNIVERSITY–NEW BRUNSWICK   **3.6 GPA**
Bachelor's Degree, Computer Science and Psychology   May 2022

HONORS & AWARDS: School of Arts & Sciences Honors Program, Dean's List

RELEVANT COURSEWORK: Data Structures, Computer Architecture, Virtual Team Dynamics, Information & Database Management, Algorithms, Abnormal Psychology, Learning Processes, Calculus I and II, Linear Algebra, Discrete Mathematics

ACTIVITIES: *Phi Chi Theta* Business Fraternity, Women in Computer Science, *Gamma Phi Beta* Social Sorority,

FACEBOOK, Above & Beyond Computer Science Fellow
Selected to participate in Facebook's technical interview prep series. Topics include data structures, algorithms, and complexity.

RUTGERS INTO THE LIGHT, Vice President
Host self-care, informative, and charitable events to foster a more compassionate attitude towards mental health on campus. Connect students in need to local counseling services.

DATA SCIENCE SOCIETY, Founding Executive Board Member
Connect students with working professionals, job opportunities, and professional training to jumpstart a career in data science.

WORK EXPERIENCE

PRUDENTIAL FINANCIAL   June – August 2020
Software Engineering Intern – Remote

- Built a self-service web portal for technology employees to more easily access and maintain the webpages they manage
- Decreased total IT help desk requests by 15% by automating solutions to frequent infrastructure-related requests
- Developed user-friendly interface with TypeScript, React, REST API calls, Microsoft Fluent UI, and SharePoint Framework

RUTGERS UNIVERSITY UNDERGRADUATE ADMISSIONS   July 2019 – Present
Scarlet Ambassador – New Brunswick, NJ

- Leads prospective students and families on bus tours through all five Rutgers University–New Brunswick campuses
- Engages outside community in Rutgers University's academic, athletic, professional, and student life offerings
- Speaks confidently and enthusiastically in front of crowds of 50-250 guests and professional staff

PROJECTS

RUTGERS REIMAGINED   October 2019 – Present
Ongoing Personal Project – App Concept + Design

- Leading Rutgers University mobile application redesign to provide more useful insight into campus transportation system
- Corresponds with 2 student developers to create an intuitive, user-friendly app that seamlessly integrates student schedules, campus traffic, and the Rutgers bus system into an ETA prediction algorithm

FLIGHTS4U   March – May 2020
Course Project – CS336 Database Management (SQL, Java, HTML/CSS, JavaServer Pages)

- Designed and built the highest priority features in a full-stack flight booking web application
- Delegated tasks to teammates and collected any necessary resources to ensure efficiency and fluency of development

SKILLS & INTERESTS

PROGRAMMING LANGUAGES
Java, C, TypeScript, JavaScript, SQL, HTML/CSS

DESIGN & POST-PRODUCTION
Figma, Adobe (Photoshop, Illustrator, XD), Final Cut Pro

LIBRARIES & OTHER TECHNOLGIES
React.js, JavaServer Pages, Node.js, JQuery, Microsoft Fluent UI, JSON, XML

INTERESTS
Marvel Cinematic Universe, Cricut® DIY Craft Machine, video post-production, elementary education