PATRICK V. BELL

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EDUCATION

- Rochester Institute of Technology, Rochester, NY.
  Bachelor of Science in New Media Interactive Development, expected May 2020
- GPA: 3.25 | Dean's List: Spring 2017, Fall 2017

RELEVANT CLASSES

- New Media Interactive Design and Algorithmic Problem Solving 1, 2, and 3.
- New Media Design Imaging
- Co Web Design & Implementation

SKILLS

- Programing languages: MySQL, HTML JavaScript, C#, and Processing.
- Use of computers for 2D and 3D illustrative and image generation, including raster and vector image creation, editing, and compositing for online production with Adobe Photoshop and Illustrator.
- Understanding of effective web design and effective presentation design
- Understanding of Database and data modeling

RECENT PROJECTS

- Web Audio Visualizer: Built a web application in HTML and JavaScript that generates multiple animations dependent on the musical cues and user interaction. Integrated the sound files and corresponding animation to ensure movement matched the beat of the song played.
- Simple Game: Built a game using HTML in which the user controls a character that can move in any direction across the screen. The game also generates waves of enemies for the plyer to engage, with the degree of difficulty and the number and speed of the enemies increasing with each successive wave
- API project: A project involving Google Maps, Untapped, and Foursquare to create a website which determines the user's location and through keyword entry identifies the requested business or social establishment. Integrated the Untapped and Foursquare APIs to match users and establishments with the search criteria.

EMPLOYMENT

Front-End Development Team Leader, MIDA   2018
Responsible for the management and oversight of a 5-person technical team working on the front end build
of a diagnostic telemedicine web portal that will connect remote patients with physicians. Duties include team
based technical research and decision-making, weekly task assignments, and quality monitoring.

Lifeguard, *Georgetown University, Yates Field House*   2012-2018
Responsible for student, member, and summer camp water safety at Georgetown University's indoor swimming
facility. Interacted with members and performed general maintenance and oversight

Computer/Social Services Volunteer, *Georgetown Ministry*   2017
Maintain and service the Ministry's computers for use by members of Washington, DC's homeless community,
and provide social support, guidance, and fellowship as a way to help secure employment, housing, and improve
self-sufficiency.