James Kelly

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http://github.com/jek030

Education

Bucknell University, *Lewisburg, PA*   Expected Graduation: May 2021
- ***College of Arts & Sciences:***   B.S. candidate in Computer Science
- ***Men's Varsity Track & Field:***   Javelin Thrower

Coursework: Design & Analysis of Algorithms, Operating Systems Design, Software Engineering and Design, Computer Organization & Programming, Intro to Computer Science I & II, Intro to Data Science, Discrete Structures

Projects & Research

CS2 Concept Inventory   *Spring 2019 – Present*
- Worked with Professor Lea Wittie to collect data on the contents of Computer Science level 2 courses as determined by various professionals within the field. Following a Delphi process to compile the most relevant topics and create our concept inventory.

BUNO!
- Developed the game UNO! with a Bucknell inspired design using java, javafx, and CSS. Initial version pits the user against three computer AI opponents, following the classic rules of UNO. Work was completed following scrum methodologies and practices.

2018 March Madness
- Scraped data from every NCAA basketball game during the 2018 regular season to create a data model that predicted the results for the NCAA tournament. Used logistic regression, kNN, and decision tree models, with the kNN model scoring 720 points using ESPN's scoring system (human average for 2018 was 570)

Work Experience

Tech Desk   Bucknell University

Employee   *Fall 2018 – Present*
- Identified problems students, employees, and alumni may be having
- Identify and solve problems with WiFi, printers & devices, and various Bucknell University software and systems
- Maintained printers, computers and other electronic devices in the Bertrand library

Varsity House Gym   Orangeburg, NY

Intern   *May 2017 – June 2017*
- Directed and coached adult clients during training sessions
- Publicized and marketed the Michael Laviola Strongman Competition
- Maintained and oversaw front desk interactions including sales and customer service

Technical Skills
- **Programming**: Swift, Java, Git, Python, C, R, CSS, HTML
- **Intrapersonal**: coaching, customer service, problem solving, getting the best out of people