Kim Phillip

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Education

New York University Polytechnic School of Engineering, New York, NY   May 2018
Bachelor of Science in Computer Engineering
- GPA: 3.66/4.0, 2014-2015 Dean's List
- Coursework: data structures and algorithms, object oriented programming, electrical circuits

Rufus King High School, Milwaukee, WI   May 2014
High School and International Baccalaureate Diplomas
- GPA: 4.0/4.0, valedictorian
- Coursework: computer programming, web design, IB Math HL, IB Economics HL
- Served as Techie of German Honor Society officer board

Skills

Programming: Knowledge of C++; beginner knowledge of Python, JavaScript, Java, HTML/CSS, VBA
Tools: Visual Studio, Android Studio, Eclipse
Design: Beginner knowledge of Photoshop, Illustrator, InDesign
Modeling: Beginner knowledge of MicroStation and AutoCAD

Experience

CH2M, Milwaukee, WI   June 2015—September 2015
Administrative Intern
- Developed Excel macros to automate greenhouse gas data scrubbing for migration to new database
- Benchmarked client and its competitors on sustainability practices for materiality assessment
  Worked with environmental engineers to find client areas to improve upon based on benchmark findings
- Created typical cross sections for Interstate 94 freeway corridor using MicroStation

Discovery World, Milwaukee, WI   September 2013—June 2014
Design Intern
- Instructed small groups of visitors on how to build simple craft projects with industrial tools while teaching the related underlying scientific and design principles
- Utilized vacuum formers, laser and sample cutters, and EggBots to create independent and visitor projects

Technical Projects

CubeCatch– HackNY Fall 2015
Web browser game where the user tries to catch colored balls in corresponding face of a cube
- Built with a team of three using JavaScript and Three.js
- Implemented debugging, ball timing and moving, and cube face coloring features

FireMail– HackNYU 2015– 4th place out of 27 teams
iPhone app that pushes important email to the front with Tinder-like swiping capabilities
- Implemented backend third party Node.js summarizer and researched Gmail API on a team of four

SpaceBox– **2014** NYU Alternative Control Game Jam— Best Overall Game out of 7 teams
Web game paired with a MaKey Makey where user controls a cardboard spaceship to return to Earth
- Created game levels with team-developed game objects in Unity and wired MaKey MaKey physical controls

Awards and Honors

- 2014 National Center for Women In Technology- Wisconsin Award
- 2014 National Youth Science Camp Delegate- Wisconsin