

ERIC D. ELLIS

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EDUCATION

Columbia University in the City of New York

Fall 2008 – present

- Fu Foundation School of Engineering and Applied Science
- Major: B.S. Computer Engineering

SKILLS

- Design and Development Applications: Adobe Fireworks, Dreamweaver, Eclipse, LTSpice/OrCad, and various command line tools
- Programming Languages and APIs: Java, JavaScript, HTML, CSS, JSON, PHP, SQL (MySQL, SQLite), C/C++, MatLab, Ocaml, SystemVerilog, Actionscript/MXML, Facebook API
- Designed and wired working electrical circuits and components in laboratory environments and using SystemVerilog with Synopsys synthesis tools

EMPLOYMENT

Intern – Kaptur

Summer 2011

- Assisted head of Quality Assurance in releasing software rolls, improving overall site quality, efficiency, and user experience
- Developed and implemented preliminary plans for search engine optimization
- Responsible for major testing efforts and corresponded with fellow developers during the development process
- Developed two company blogs using customized themes and functions on top of WordPress installations
- Conducted research in the structure of social gaming and provided the marketing team with strategies of expansion into social media

Facility Supervisor – Hartley Marcellus Dodge Physical Fitness Center

April 2011 – present

- Facilitated all aspects of setup, execution, and breakdown of several NCAA Varsity and Junior Varsity athletic events
- Responsible for scheduling lifeguards, organizing CPR/AED training courses and maintaining compliance to NYC public pool health codes
- Responsible for scheduling student worker staff for the fitness center and Physical Education Office
- Monitored building activity and ensure security of fitness center

Intern – Columbia University Internship in Building Community/Summer High School Program

Summer 2009/2010

- Developed and managed Summer High School Program website
- Worked as Teaching Assistant for introductory business marketing and website development courses
- Led effective program wide advertising campaigns for High School Program events to improve efficient spending of program funds and increase event participation

Undergraduate Assistant – Columbia University Men's Varsity Basketball Team

September 2008-
May 2011

- Facilitated the online webcast of all home games
- Recorded and provided gameplay statistics for practices and away games
- Responsible for every aspect of practice set up and preparation
- Assisted Director of Operations in organizing video exchange services with other collegiate basketball programs
- Recorded and organized players' individual developmental statistics while providing progressive analysis of improvements and shortfalls to the head coach

Camp Coordinator – Columbia University Big Blue Prospect Camp

Summer 2009/2010

- Organized camp administrative activities including registration, payment, and allocating living spaces