

## Nicholas Nielsen

[nmnielsen@uchicago.edu](mailto:nmnielsen@uchicago.edu) • 617-510-5042 • 1223 E 57th Street, Apt #3, Chicago, IL 60637 • [www.nicknielsen.org](http://www.nicknielsen.org)

### EDUCATION

#### THE UNIVERSITY OF CHICAGO

*Bachelor of Arts in Mathematics, Minor in Visual Art*

Chicago, IL

Expected June 2017

- GPA: 3.52/4.00
- Pursued Mathematics courses beyond the degree requirements, concentrating on rigorous proof and creative thinking in pure math
- Wide range of computer science courses, including Graph Theory, Data Visualization, and courses covering theoretical and practical use of functional and object-oriented programming languages
- Multiple deep-dive classes in Architectural Design, culminating in proposals for a new on-campus Arts building, set to be constructed Fall 2017

### EXPERIENCE

#### C2 Consulting

*Consultant*

Hingham, MA

June 2015 - August 2016

- Led research and development of 'Internet of Things' devices within the Oracle Database ecosystem and produced the [Build Something! IOT= Internet + Oracle + Things](#) presentation, which received the "Overall Top Speaker" award at ODTUG Kscope 2015, the largest Oracle user group conference
- Led numerous product features and developments for Harvard Pilgrim Health Care, focused on providing superior customer service and engagement within an Agile development environment
- Oversaw the hiring, training, and management of summer interns

#### C2 Consulting - Jeff Metcalf Internship

*Intern*

Hingham, MA

June 2013 - August 2014

- Collaborated with senior business leaders at Harvard Pilgrim Health Care to develop and implement solutions within complex systems
- Worked as a member of large, global Agile teams on projects focused on performance and accuracy to improve client interactions and records

### LEADERSHIP

*Captain, Varsity Cross-Country and Track & Field, University of Chicago*

August 2013 - Present

- Managed 21+ hour/week, year round time commitment with full academic course load
- Elected captain three times of a 100+ person team, set a tone of consistence, dedicated practice and commitment to team goals and personal improvement
- Competed against the top athletes in Division III and won numerous All-Conference, All-Region, and All-Academic honors

### SKILLS

**SQL and PL/SQL:** Four years implementing Oracle PL/SQL within complex legacy systems and designing new databases

**Oracle Application Express (APEX):** Experience building business solutions with Oracle APEX

**Python, C, C++:** Multiple courses covering program design, control and data abstraction, recursion and induction, higher-order programming, types and polymorphism, time and space analysis, memory management, and data structures

**CSS, HTML, & Javascript:** Familiarity and experience from professional web app development and personal projects

**3D Design:** Extensive background in Sketchup & Autodesk software from numerous college courses in Architectural Design and Woodworking, as well as through summer courses and personal projects

**Graphic Design:** Large scale presentation boards for building proposals in Architectural Design courses

**Other Duties As Assigned:** Expert, ranging from rapid prototyping to installing networks and lawn sprinklers

- From sourdough to sous vide, and cornbread to croquembouche, I bring quality cooking skills to the table
- Full bicycle maintenance and general handyman work: I even come with my own tools
- My soldering work is almost as good as my 14 year old sister's (and hers is very good)

- Anyone can run wiring through a conduit, but I'm also a consummate CAT6 cable connector crimper