



## EDUCATION

### UNIVERSITY OF PENNSYLVANIA

2009 - 2013

Bachelor of Science in  
Engineering

MAJOR

Bioengineering

CUMULATIVE GPA  
3.10/4.00



## SKILLS

### PROFICIENT

Adobe Illustrator  
Adobe InDesign  
Adobe Photoshop  
Microsoft Excel  
Microsoft Powerpoint

### BASIC

Axure RP  
HTML & CSS  
Matlab



## INTERESTS

Installation Art  
Sustainability  
User Experience  
Vocal Performance  
Weight Lifting

## WORK & LEADERSHIP EXPERIENCE

### FREELANCE

Sep 2012 - Present

#### *Freelance Graphic Designer*

Conceptualize design proposals and execute design work; resolve proposals to client's satisfaction; copy-write and proofread compositions; and prepare and estimate rates. Recent projects have comprised introducing full logo and branding systems for a start-up sustainability consulting firm, improving point-of-purchase displays and promotional materials for corporate companies to feature relevant facts about freshly launched products, and planning client sales and pitch decks (including organizing and developing analytic charts and graphics as needed).

### HEALTH 2.0 HEALTHCARE MARKET INTELLIGENCE

Jun 2014 - Jan 2015

#### *Market Intelligence Intern*

Conduct research to amass knowledge about companies, products, and people in the healthcare technology space for Health 2.0 SourceDB. Draft company profiles and assorted copy for blog posts and 2014 Annual Report. Built charts and graphics for use in promotion of Health 2.0's Fall 2014 Conference and Developer Challenges. After careful analysis of different approaches and platforms, revamped posts published on the Health 2.0 News website, such as a map displaying the regions of health care and a policy landscape timeline. Overhauled original e-mail newsletter to highlight more detailed company information taken from SourceDB, thus launching the option for a new subscription-based newsletter targeted towards industry leaders in the healthcare field.

### BLOOMERS ALL-FEMALE MUSICAL & SKETCH COMEDY TROUPE

May 2012 - May 2013

#### *Business Manager*

Directed financial planning for organization expenses, show revenue, and touring for troupe of 40 members, budgeting spending and dropping overall costs by 20%. Strengthened relations with alumni and maintained alumni network through Facebook, emails and bulletins. Implemented advertising campaigns through social media and print to announce campus-wide shows, ultimately increasing attendance by 30%.

### THETA TAU PROFESSIONAL ENGINEERING FRATERNITY

Jan 2011 - Dec 2012

#### *Secretary (Dec 2011 - Dec 2012)*

Maintained and updated computerized databases and chapter meeting minutes for the 50+ active members of the fraternity. Prepared and filed reports to correspond with Theta Tau national headquarters.

#### *Public Relations Chair (Jan 2011 - Dec 2011)*

Generated advertising campaigns to publicize various events such as student panels and blood drives. Expanded marketing strategies to include social media outlets such as a professional development blog for students. Screened and approved vendors to offset costs for screen-printing shirts and brochures for 100+ attendees of Theta Tau's Northeast Regional Conference.

## ACADEMIC PROJECTS

### ENGINEERING ENTREPRENEUR- SHIP

Spring 2013: 15 Weeks

#### *Recapture Technologies | Heat Recapture Energy Module*

In a team of five engineering students, developed a business plan and slide deck pushing for the use of modules that recaptured usable energy from the waste heat of servers within data centers. Tasked as Chief Marketing Officer, oversaw marketing operations and competitive landscape.

### BRAIN-COMPUTER INTERFACES

Spring 2013: 3 Weeks

#### *Finger Flexion Movement Predictor*

With a partner, derived an algorithm to predict finger movements from intracranial EEG recordings in 3 subjects using MatLab code. Achieved a final correlation of 0.515, placing 3rd out of 15 teams.

### MEDICAL DEVICES

Fall 2012: 9 Weeks

#### *Child Sleepwalking Alarm*

With a partner, created a fabric-based pressure sensor using Arduino microcontrollers to develop a wireless alarm for caretakers to monitor their children's sleepwalking episodes.

### PRECEPTORSHIP in CLINICAL BIOENGINEERING

Spring 2011: 3 Weeks

#### *Obstructive Sleep Apnea | Head Position Sensor*

With a partner, worked closely with Dr. Richard Schwab to adapt current technologies (NXT Intelligence Brick + Inertial Motion Unit Sensor) to measure the position of the head in relation to the trunk of the body during obstructive sleep apneic episodes.