

SAWYER KEITH WAUGH

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PROFESSIONAL EXPERIENCE

macrowave.io – Philadelphia, PA	12/14 – Present
<i>Founder</i>	
<ul style="list-style-type: none">Developed a smartphone accessory and iOS application for automatically determining the caloric and macronutritional content of a user's foodLed a team of three in rapidly prototyping software and hardwareImplemented state-of-the-art machine learning and computer vision algorithms	
MedTrak, Inc. – Conshohocken, PA	11/14 – 7/15
<i>Software Engineer</i>	
<ul style="list-style-type: none">Created client-facing data visualization toolsBuilt platform for automatically generating and sending personalized reports to clientsImplemented feature requests from clients and account managers	
University of Pennsylvania Positive Psychology Center – Philadelphia, PA	5/14 – 9/14
<i>Data Analyst</i> (http://bit.do/happify)	
<ul style="list-style-type: none">Designed statistical study to determine relationship between 'happiness' and 'gratitude'Parsed, cleaned and analyzed 50k+ subjects' social media data	
Parametric – Philadelphia, PA	5/13 – 10/13
<i>Technical Development Intern</i>	
<ul style="list-style-type: none">Built web app allowing restaurant managers to customize Checkmate appProvided on-site technical troubleshooting for clients	
Craft House & Beer Garden – Cherry Hill, NJ	
<i>Social Media Marketer, Promoter</i>	5/11 – 4/15
<ul style="list-style-type: none">Built social media platform of 10k+ Facebook and Twitter users	
<i>Bartender, Barback</i> (summers only)	2009 – 2014

TECHNOLOGICAL EXPERIENCE

Programming – PHP, [scientific] Python, Java, JavaScript, Swift, SQL, HTML/CSS, C
Software and Systems – AWS EC2 / DigitalOcean, Linux/Unix, Microsoft Office
Hardware – Arduino, Raspberry Pi, MakerBot (3D Printer)

LEADERSHIP EXPERIENCE

Sigma Chi Fraternity , Phi Phi Chapter, University of Pennsylvania	
<i>Alumni Chairman</i>	12/12 – 12/13
<i>Social Chairman</i>	8/11 – 12/12
Men's Rugby Football Club , University of Pennsylvania	
<i>1st XV, Flanker</i>	9/10 – 12/13
<ul style="list-style-type: none">2013 CRC Shield Winner, 2012 Ivy League South Champions	
<i>Media Chairman</i>	12/12 – 12/13
<ul style="list-style-type: none">Maintained team website, created highlight films and promotional materials	

AWARDS & PUBLICATIONS

Sigma Chi Gilmore Scholarship	11/12
Men's Ivy Rugby All-League Honorable Mention	12/11
3808: A Journal of Critical Writing, Volume 6 – <i>Leonardo DaVinci: Pilot of Science</i> (http://bit.do/le0nard0)	6/11

EDUCATION

The University of Pennsylvania School of Engineering & Applied Science – Philadelphia, PA	8/14
Bachelor of Engineering in <i>Computer Science</i> , Minor in <i>Entrepreneurship</i>	
William Tennent High School – Warminster, PA	6/10