



Paul Weidinger

Experience

- 2015–Present **VP, Engineering**, ROBOTIC VISION TECHNOLOGIES, Silver Spring, MD.
Lead engineer, product manager, strategist, and technical ambassador
- Envisioned, planned, and delivered of a new product that opened an untapped market segment and refilled the sales pipeline [C++, C#]
 - First significant product launch in 7 years. Programmer and team lead.
 - Wrote robot libraries for Universal Robot and KUKA iiwa LBR [JAVA]
 - Established engineering process: git, kanban, testing, remote work policy, etc.
 - Sourced and hired four engineers; managed both internal and offshore teams
 - Key negotiator in a deal with a major Chinese SOE
- 2012–2014 **Implementation Engineer and Consultant**, SAILTHRU, New York, NY.
Go-to technical team member for client software automation and implementation challenges
- Consulted with key revenue generating clients to understand their marketing goals and infrastructure considerations, develop a plan, and deliver technical and strategic solutions.
 - Programmed automation and workflow solutions for clients
 - Took lead in client training and coworker education

Other projects

- Q3 2017 **Consultant, machine learning**, *Independent*.
Developed machine learning proof-of-concepts for two different companies using a TF-IDF approach that mined customer trends from social media. [PYTHON, Scikit-Learn]
- Q1 2015 **Consultant, digital ad data analysis**, *Independent*, New York, NY.
Consulted for the financial publishing firm Source Media on ways to optimize their ad placement. Spearheaded an initiative to focus on attention-based metrics.
- June 2018 **ConnectZero**, *Personal project*.
I created a bot to learn Connect4 via self-play by reimplementing DeepMind's AlphaGo Zero Nature paper in PYTHON. I built the deep neural network from scratch after self-study.
- continuous **Personal coding projects**.
View various projects on my website, callmepaul.com [PYTHON, deep learning, web, mobile]

Education

- 2008–2012 **BS Business; Computer Science minor**, *Carnegie Mellon University*, Pittsburgh, in-major GPA – 3.6/4.0.
President, Sigma Alpha Epsilon

Technical skills

- Proficient PYTHON, C++
- Intermediate C#, JAVA, Linux, Windows, Visual Studio
- Familiar JAVASCRIPT, C, MacOS, Mobile
- Interests Machine Learning, AI Safety, Robotics, theory and algorithms

2805 Deer Ridge Dr – Silver Spring, MD 20904

📞 (703) 475 1591 • ✉ paul.weidinger@gmail.com • 🌐 callmepaul.com