Matthew Baeckelandt

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EDUCATION

Georgia Institute of Technology   August 2019 | May 2021
M.S., Computer Science

University of Illinois at Urbana-Champaign   August 2015 | May 2019
B.S., Engineering Mechanics   GPA: 3.5/4.0
Minor, Business
Secondary Field, Computer Science

EXPERIENCE

Linx Global Mfg. — *Software Engineering Intern*   June 2019 | August 2019
                                                                                            Chicago, IL
- Developed web dashboard using Python, Flask and Dash, integrated with mySQL database used to display and interpret data from LoRa devices across multiple locations
- Integrated data from injection molding machines to MES and ERP software for quality control and monitoring
- Performed testing on batteries for PIR sensors to find cause of excessive power usage

Paladin Capital Group — *Intern*   June 2018 | April 2019
                                                                                            Chicago, IL
- Worked as Summer Analyst for VC/PE firm focused on cybersecurity investments
- Performed comparable companies and precedent transaction analyses in Excel for pre-IPO portfolio company and prospective investments
- Compiled company data and Pitchbook info on portfolio companies, LP's, contacts, and co-investments for creation of database in Salesforce
- Participated in weekly meetings with investment team to discuss updates on recently closed deals and potential investments in cyber security, connected vehicles, and deep/machine learning computation platforms
- Initiated correspondence for introductions between portfolio company and potential customers/product partners

Simex Filterpressen — *Mechanical Engineering Intern*   June 2017 | August 2017
                                                                                            Calw, Germany
- Designed and modeled filter press assemblies in Autodesk Inventor
- Served as assistant for Simex in cooperative research and development with Karlsruhe Institute of Technology (KIT)
- Drafted technical drawings of filter presses for companies such as Eisenmann Mexico, Lismac, AW Electronic, Ovivo Water, LiqTech International
- Corresponded with manufacturing companies to tailor specifications for design of technical drawings
- Provided technical advice during sales calls in Germany and Luxembourg

SKILLS

Programming Languages
Python | C++ | Matlab | Java | UNIX/Linux
Selected Coursework
Data Structures | Numerical Analysis | Computational Mechanics
Applications
Excel | Solidworks | Salesforce | Autodesk Inventor
Foreign Languages
Spanish (B2 Level) | German (A1 Level)

References available upon request.