BRENDON GEILS

304 Lynn Ave | Ames, IA 50014 | 224.535.1764 | bgeils@iastate.edu | brendongeils.com

EDUCATION

Iowa State University (Ames, IA)
Bachelor of Science, May 2018
Major: Electrical Engineering; Minor: Computer Science
Cumulative GPA: 3.76

EXPERIENCE

Sodima Solutions– *CEO/CTO/Co-Founder (Miami, FL)*   *2016 — Present*
- Develop alongside our tech team building web applications and artificial intelligence
- Artificial intelligence project was named a finalist in Inman's 2016 "Most Innovate Technology in Real Estate"
- Manage company contracting, finances ($40K in six months), and tech infrastructure

Palantir Technologies– *Deployment Strategist (NYC & London)*   *Summer 2016 & Summer 2017*
- Assisted in building and deploying cybersecurity web based software for Fortune 50 company users
- Data ingestion of 100GB+/day in cyber security logs from the client
- Client point of contact and developer intermediary for feature selection and product deployments

SpaceX – *Instrumentation & RangeOps Internship (Cape Canaveral, FL)*   *Spring 2016*
- Launch support for Falcon 9/Heavy launches. Focus on electrical systems and RF communication.
- Designed a hazard operation end-to-end communication system
- Build a real time data analysis engine for pre-flight checkouts

Undergraduate Research Assistant - *Iowa State University*   *2015 — 2016*
- Insider threat analysis through anomaly detection, flagging malicious behavior in enterprise systems
- Data analysis in underrepresented minority student enrollment and graduation within STEM majors for the ISU INSPIRE/LSAMP program

Procter & Gamble - *PC&IS Engineer Internship (Iowa City, IA)*   *Summer 2015*
- Led 10 projects related to vision systems, visual basic programming, software training, electrical system installations & upgrades
- Provided a global P&G software solution for PLC revision DBs saving 20 hours/month on site
- Utilized statistical analysis and data integrity for enterprise data systems

PROJECTS
- Moralit.ai – Ethical decision making engine for AI; built with Node.js, NLP, supervised ML
- Days to Sell –Predicts how long a house will be on the market; Patent Pending
- Hadoop/Spark – Distributed storage and computation on leaked emails; frontend viz with d3.js
- Xplore – Lifestyle preference search website built in php; allowing integrated travel experiences
- 212 Kettle – Electrical engineering consultant for portable water heater; circuit design implementation

SKILLS
- Languages: Java, Python, R, SQL, MatLab, C, PHP, JavaScript + Frameworks, Verilog, Go
- Data Analytics, Visualization, Storage, Computation, Streaming

ACTIVITIES AND HONORS
- George Washington Carver Scholar ($80,000)   *2013 — 2017*
- Okoboji Entrepreneurial Institute Graduate (Okoboji, IA)   *2015 — 2015*
- Hack Princeton University "Most Creative & Impactful"   *2016 — 2016*
- Iowa State University Collegiate Triathlon Club   *2015 — 2016*
- Collegiate Entrepreneurs' Organization National Conference Moderator (Orlando, FL)   *2014 — 2015*
- Sigma Phi Epsilon Fraternity – Philanthropy – Technology – Scholarship Chair   *2013 — 2015*