

BRENDON GEILS

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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 (New York, New York)*

Summer 2016

- 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, HTML5/CSS3
- Data Analytics, Visualization, Storage, Computation

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*