

# BRENDON GEILS

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## EDUCATION

### Iowa State University (Ames, IA)

*Bachelor of Science*, Dec 2017

Major: Electrical Engineering; Minor: Computer Science

**Cumulative GPA: 3.77**

## EXPERIENCE

### SpaceX – Instrumentation & RangeOps Internship

*Spring 2016*

- In progress internship, in launch support for Falcon 9 launches. Focus on electrical and communications.

### Undergraduate Research Assistant - Iowa State University

*Fall 2015 — Present*

- 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

### Procter & Gamble - Manufacture Engineer Internship (Iowa City, IA)

*Summer 2014*

- Led project management for five separate hair care packing assignments
- Data Analytics, Process Improvement, Equipment Design, System Development
- Communicated and trained 30 operators on updated standards and process improvements
- Saved \$26,000/year in operational downtime and material utilization

### Wakefield Entertainment – Previous Business Owner/Co-Founder (Elgin, IL)

*2012 — 2015*

- Independently managed company finances, marketing, and web development
- Operational event planning for over 100 events and 60+ clients in two states
- Grew yearly revenue to \$25,000 organically in two years – Sold January, 2015

## PROJECTS

- Days to Sell – Retsly real estate/public data hackathon, web app for predicting housing prices using Retsly API
- Xplore – Lifestyle preference search website built in php; allowing integrated travel experiences (xplore.xyz)
- 43<sup>rd</sup> Productions – Sound and lighting production; Co-Founder/CFO; responsibility for finances & web dev
- 212 Kettle – Electrical engineering consultant for portable water heater; circuit design implementation

## SKILLS

- Languages: Java, Python, R, MySQL, MatLab, C, PHP, JavaScript, Verilog
- Data Analytics and Visualization

## ACTIVITIES AND HONORS

- George Washington Carver Scholar (\$80,000) *2013 — 2017*
- Okoboji Entrepreneurial Institute Graduate (Okoboji, IA) *2015 — 2015*
- InternHack Web Development Hackathon (San Francisco, CA) *2015 — 2015*
- Iowa State University Collegiate Triathlon Club *2015 — 2015*
- ISU Technology Entrepreneurship Club – Treasurer/Co-Founder *2013 — 2015*
- Collegiate Entrepreneurs' Organization National Conference Moderator (Orlando, FL) *2014 — 2015*
- Sigma Phi Epsilon Fraternity – Philanthropy – Technology – Scholarship Chair *2013 — 2015*
- Iowa State University Emerging Leaders Retreat *2014 — 2014*
- Balanced Man Leadership Scholarship/Conference (Scottsdale, AZ) *2013 — 2014*