Sebastian Dobon

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sebastiandobon.com

Education

Northwestern University, Evanston, Illinois   Anticipated Graduation June 2019
McCormick School of Engineering, Bachelor of Science in Computer Science,
McCormick Theme in "Exploring the Human Experience"
- 3.86 /4.00 GPA
- Courses in advanced algorithms, data structures, machine learning, robotics, AI, agile development, user-centered design, data science
- Evans Scholarship Recipient – Selected as one of 200 caddies nationwide for full tuition and housing scholarship based on strong caddie performance and academic success
- Baja SAE Automotive Team, Music Production Club, Ultimate Frisbee Team

American School of Dubai, Dubai, UAE   2012
Fenton High School, Bensenville, Illinois   2011-2015

Work Experience

Product Manager Intern, **IAA**   Summer 2018
- Introduced user testing at the organization by piloting a usability study
- Owned a dependency of a key strategic project affecting all users; Worked with a team of 10 developers and gathered user data for support and marketing teams
- Expanded team's knowledge of customer behavior through research and creating Tableau visualizations
- Identified two major bottlenecks in customer purchasing flow and proposed a streamlined vision based on usability study and Google Analytics user data
- Promoted user-centered design thinking principles and data-driven decision making

Research and Development Intern, **CCC**   Summer 2017
- Reduced data annotation tool development time by 75% for machine learning and data science teams by owning and building a modular annotation framework
- Wrote user stories after gathering requirements from stakeholders in different departments

Full Stack Web Developer Intern, **Max-Grad**   Summer 2016
- Reduced customer on-boarding time by 90% with an MVC single page application

A-Caddie, **Medinah Country Club**   2010-2015
- Predicted customer needs and acted to provide an enjoyable experience

Projects – **sebastiandobon.com**

- *PredictivePolitics.xyz* – Website that builds and deploys natural language processing models to predict votes in any user specified political race, based on Twitter data
- *Pvmnt 2.0* – A mobile app for students to discover events on campus. Intelligently recommended events using graph traversal algorithm.
- *Machine Learning Robot Localization* – Autonomous robot uses machine learning to locate itself in the world more accurately than traditional methods

Skills

- Proficient in **Python,** JavaScript (Angular, Node.js, Express), SQL
- Experience with Git, Unix, AWS, C++, ROS, Arduino, TensorFlow
- Tableau, Apache Spark/Databricks, Google Analytics, scikit-learn
- User Research, Data Interpretation, Data Visualization, Visual Communication, Public Speaking

Interests

- *Team Captain,* **Relay For Life**: Organized 10-person teams in fundraising for American Cancer Society
- Avid Golfer: Competitive player for 15 years, Three time IHSA State Finalist, One time IHSA Sectional Champion