

## Andrew T. Baird

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### EDUCATION

#### Virginia Polytechnic Institute and State University

8/14 - 12/17

- *Bachelor of Science*, **Major:** Business Information Technology.
- **Focus:** Computer-Based Decision Support Systems. **Minor:** Computer Science.  
Cumulative GPA: 3.21/4.00, In-Major GPA: 3.4/4.00  
Dean's List(GPA of 3.5 or higher): Fall 2016, Spring 2017

### WORK EXPERIENCE

#### Profit Recovery Partners LLC, Costa Mesa, CA

6/17 - 8/17

*Business Analytics Internship, Business Process Automation, VBA Developer*

- Developed and implemented automation code in Visual Basic which significantly reduced the time required to build multiple types of financial analyses, reducing a company-wide project lead time by 3 weeks.
- Generated a data scraping algorithm in Visual Basic that automatically sorted and organized client data, transforming a 2 hour manual task into a 2 second click of a button.
- Performed quantitative analysis aimed at reducing client spending, and presented this data to clients through an interactive Tableau dashboard.

#### Perfect Point Electronic Drill Manufacturing, Irvine, CA

6/15 - 8/15

*Database creation, CNC Machine Programming, SQL developer*

- Optimized G-code on an industrial CNC machine, which reduced the time it took to manufacture individual components by about 20% (7 minutes to 5 minutes).
- Transformed a rudimentary Excel database into a highly functional MS Access Relational Database, reducing retrieval time for important client information (saved ~10 hours a week).

### PROJECTS

#### LocalReport Surf Reporting App - PHP, Bootstrap, HTML5

- Pulls surf forecast information from MagicSeaweed.com, and builds a custom surf report based on personal preferences and surf style.

#### EZFair Job Fair Portfolio App - Vue.js, Express.js, MySQL, Django

- App that allows employers to anonymously categorize and rank students at a job fair.

#### Trader Joe's Employee Scheduling & Optimization - Visual Basic, MS Access, MS Solver

- Optimizes a schedule based on historical customer demand, and then schedules the highest ranked employees to work the busiest and most crucial shifts.

### ATHLETICS

#### Virginia Tech Men's Lacrosse – Team Captain & Vice President/Treasurer

8/14 - 12/17

- Elected Captain by teammates for two years straight, leading the team to two SELC conference championships and a national semi-final appearance
- Managed a \$130,000 team budget used for purchasing hotel rooms, gear, buses, plane tickets.
- 2015, 2016 All-Tournament Defender. 2016 2<sup>nd</sup> Team All-Conference Defender.

**Programming Languages/Technologies:** Java, SQL, Visual Basic, VB.NET, C, Python, Excel, RDBMS Technologies(mySQL), MS Access, SOAP/REST, PHP, HTML, Bootstrap, CSS, Javascript/jQuery