| Jack Burdick |
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| jackburdick@outlook.com |

**EDUCATION:**

***Computer Engineering,*** Current – Anticipated Master of Science Computer Engineering 2017

College of Engineering and Computer Science,Florida Atlantic University, Boca Raton, FL

Cumulative GPA: 3.9

Coursework includes: Stochastic Models, Discrete Math, Logic Design (with lab), Microprocessors (with lab), C Programming, Python, Computer Science Foundations (with lab), Data Structures, Image Processing, Internet Computing, Structured Computer Architecture

***Bachelor of Science,* Biochemistry,** 2014

College of Biological Sciences,University of Minnesota-Twin Cities, Minneapolis, MN

Coursework includes: Statistics, Calculus I & II, Physics I & II (with lab), Chemistry I & II (with lab), Organic Chemistry I & II (with lab), Microbiology (with lab), Cell Biology, Genetics, Biochemistry I: Structure, Catalysis and Metabolism, Biochemistry II: Molecular Mechanisms of Signal Transduction and Gene Expression, Biochemistry Lab, Physical Biochemistry, Foundations of Biology I & II (with lab)

**RELEVANT SKILLS:**

***Computer Languages:*** Coursework in: C, C++, Assembly, Javascript/jQuery, PHP, SQL, Matlab. Intermediate: Python. Beginner: git, bash scripting, go

***Additional Languages / Software***: Comfortable in a command line environment. Additional experience in: Regular Expressions, Web scraping, Adobe CS6 (Photoshop, Illustrator), Microsoft Office, Multiple IDEs and text editors

***Bio Software:*** Experience with web-based databases such as PubMed, UCSC, and GeneWindow. DNA sequence analysis with ApE and JSI’s SeqPatient. Sequence research with BLAST/BLAT and SNP databases. Primer design with Primer3

***Laboratory Techniques***: Experience with: Gel Electrophoresis, HPLC, Gas Chromatography, PCR, DNA Sequencing, Western Blot, Spectroscopy, HNMR, Fluorescence Microscopy, Media Production and Preparation, Titration, Bright Field Microscopy, Bradford Protein Assay, *S. cerevisiae* and *E. coli* Transformation

**RECENT EXPERIENCE:**

***Marketing Associate and Athlete*, Beast Sports Nutrition**, Boca Raton, FL,2011 – 2015

* Western States 100 mile Endurance Run finisher – youngest participant
* Top age bracket finisher - 50 mile endurance run
* Authored majority of BEAST’s published weekly blog entries
* Tradeshow model and spokesperson: largest venues - Olympia and Arnold
* Developed and executed new promotional campaigns that resulted in a 700%+ increase in BEAST social media following
* BEAST awarded “Breakout Brand of the Year” twice
* Interact with 10k+ (https://twitter.com/Jack\_Burdick)

***Research and Development Technician*, PreventionGenetics,** Marshfield, WI, 2014 – 2015

* Hired as a clinical lab technician and promoted to R&D faster than any previous employee
* Designed, validated, documented, and released gene specific clinical genetics tests
* Investigated, tested, and reported findings including cost analysis for potential new equipment and laboratory techniques
* On call to assist clinical techs in lab related issues

**ACTIVITES AND CERTIFICATIONS:**

***Phi Gamma Delta***

* Recruitment Chair, Pledge Educator, Scholarship Chair

***Rice Lake High School,*** Rice Lake, WI

* Badger Boys State Representative, Sr Class Vice President, Valedictorian, NHS
* Varsity Captain: Soccer, Hockey

***American Heart Association***

* Certifications: AED, CPR, First Aid