

Thomas J. Biaglow
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SUMMARY

Talented college graduate with broad and diverse academic background, skilled in programming and scientific analysis.

OBJECTIVE

An entry-level position with strong growth potential in web development.

EDUCATION

Columbia University

Coding Bootcamp

Case Western Reserve University

B.A., Double Major in Physics and English, GPA 3.2

New York, NY

April 2019 –

Cleveland, Ohio

January 2017

COURSEWORK

- Columbia University Coding Bootcamp
- Classical Mechanics, Electricity and Magnetism, Statistical Thermodynamics, and Quantum Mechanics, Advanced Physics Lab
- College-level calculus through differential equations
- Linear Algebra – Completed assignments involving matrix operations, systems of linear equations, vector spaces, subspaces, bases and linear independence, eigenvalues and eigenvectors, diagonalization of matrices, linear transformations, determinants
- Scientific Computing – Completed assignments involving accuracy and efficiency, conditioning and stability, numerical solution of linear and nonlinear systems, optimization, interpolation, quadrature rules, numerical solutions of ODEs
- Biophysics, Introductory Biology with Lab, Invertebrate Biology
- Introductory Chemistry with Lab
- Electrical Circuits with Lab – Completed labs which incorporated both analog and digital electronics, including AC circuits, linear and non-linear operation of op-amps, logic gates, flip-flops, counters, display, memory, transducers, A/D and D/A conversion
- Mechanics of Materials
- Soil Mechanics
- Hydraulic Engineering
- Introductory Accounting – Prepared and interpreted financial reports; completed assignments relating to financial reporting system and basic internal controls for the balance sheet, income statement, and cash flow statements
- Literature Courses – English, American, Shakespearean, Victorian

SKILLS

- Web Development
- Programming and software development
- Scientific and technical writing
- Analysis and solving of complex problems

- Listening attentively and responding appropriately to feedback
- Designing, running, and analyzing data from scientific experiments

COMPUTER PROFICIENCY

- HTML, CSS, Javascript, Node.JS,
- MS Office Suite - Word, Excel, PowerPoint
- Scientific computing - Matlab, Python