

Solomon Bell

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EDUCATION

Bucknell University, Lewisburg, PA 2023 - 2028

Bachelor of Computer Science Engineering and Mathematical Economics: 3.69/4.0

Dean's List for 3 of the 4 semesters to date

University of Washington, Seattle, WA 2022 - 2024

Summers and University of Washington in the High School: 3.85/4.0

Relevant Courses

Computer Science: Software Engineering & Design, Data Structures & Algorithms, Computer Systems

Economics: Calculus I and II, Linear Algebra, Statistics, Microeconomics

Projects

Retirement Income Predictor

Built a command-line tool to estimate future wealth based on age, savings, interest rate, and so on.

Energy-Harvesting Smartwatch Prototype

Designed a concept to convert kinetic wrist movement into stored energy for watch operation.

Intelligent Thermostat System

Developed an embedded system prototype to optimize heating/cooling based on room occupancy and external temperature.

Lactic Acid Monitor

Designing a wearable device to monitor lactic acid for athletes using biosensors and microcontrollers.

Targeting real-time feedback and performance optimization. Currently, in the market research phase.

WORK EXPERIENCE

Flow Fitness, Front Desk, Seattle WA 2025

Opened the gym each day at 5:30 AM and welcomed members with a positive attitude, helping create a friendly, inclusive environment at a premium fitness studio.

Pet Care Giver, Seattle WA and Washington DC 2022 - 2023

Provided trusted pet care for multiple clients in two cities, building strong relationships and handling all communication, scheduling, and logistics on my own.

ACTIVITIES

Bucknell Men's Club Crew, Lewisburg PA 2023 - 2025

Competed at Head of the Charles in Varsity 8+ (Fall 2023); trained year-round for national-level rowing.

Logged 25 million meters on Concept 2 ergometer and independently programmed off-season training.

Overcame a lower back injury through a year of rehabilitation, returning to racing in 2025.

Potomac Boat Club High-Performance Program, Washington, DC 2022 - 2023

Took a structured gap year to pursue elite rowing, placing 2nd in USRowing Fall Speed Order (2023).

Followed the National Team training plan and trained alongside Olympic hopefuls in Washington, DC.

COMPUTER SKILLS

Certified in Python through the 76 hour University of Michigan, Python For Everybody Specialization.

Learned R in Statistics for Engineers and in High School. Certified in Java through the 18 hour University of Pennsylvania, Introduction to Programming with Python and Java Specialization

Proficient in Google Workspace, Microsoft Office, and GitHub