Adam Cook

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Education
ALLEGHENY COLLEGE |MEADVILLE P.A. | 3.1 GPA   **CLASS OF 2021**
· Computer Science and Biology Bachelor of Science, Studio Art Minor
Related Classes
· Genetic Development, Organismal Physiology, Data Organization, Database Systems, Software Innovation, Bioinformatics, Biostatistics, Web Development, Chemical Concepts, Physics Mechanics & EM, Data Abstraction

Skills
CS Languages: Python, Java, JavaScript, C#, C, Basic, Swift, Bash
Modeling: Unity 3D, Maya, Autodesk Inventor, Blender, AutoCAD, Fusion360
Platforms: XCode, Atom, Visual Studio, Android Studio, Eclipse, Git, Final Cut, Photoshop, Adobe Suite, DaVinci Resolve
Electronics: Circuit design & Creation, Soldering, Fundamental Understanding of operational amplifiers, semiconductor diodes, bipolar junction transistors, and field effect transistors
Genetics: PCR, DNA Extraction, Genetic Sequencing, Gel Electrophoresis, Immunofluorescence, Data analytics

Experience
INNOVATION LAB MANAGER | ALLEGHNEY COLLEGE | MEADVILLE, PA   **SPETEMBER 1 – PRESENT**
· Managing Software deployment, computer management, and assisting 3D modeling and design.
· Operating of Laser cutter, CNC, 3D printer, Vacuum form

GENOME STABILITY RESEARCHER | ALLEGHENY COLLEGE | MEADVILLE PA   **MAY 13 – JULY 19, 2019**
· Generation of SUMO Mutants in Saccharomyces Cerevisiae
· DNA Replication, Purification, Separation.
· Presentation in front of over 100 people, Poster Presentation

PRODUCT DEVOLOPER | IRONWEAR FITNESS | PITTSBURGH, PA   **SUMMER 2012-FALL 2017**
· Designed, modeled, and developed prototypes for special projects including:
· Thermoelectric shirt, composite material testing, resistance fitness equipment, and balance gear.

TECHNOLOGY STUDENT ASSOCIATION | REGIONAL CONFRENCES | CHAMPION, PA   **2015-2017**
· Placed third in TSA Regionals for Video Game design, modeled and design assets in Blender and Unity.
· Placed second in on site Software Development with team of three, design and implement a document of software we create to accomplish a predetermined task.

FOX CHAPEL HACKATHON | FOX CHAPEL AREA HIGH SCHOOL | FOX CHAPEL, PA   **MARCH 2, 2017**
· Directed a team for Fox Chapel Hackathon, where we constructed a high voltage Tesla Coil to amplify the audio output of a guitar and produce a plasma speaker. Placed second out of 40 teams.
· Designed and constructed functional PCB and prototypes, using laser etching and acid dissolving.

Projects

TESLA COIL, 3D PRINTER, 3D RECYCLER, AMBILIGHT, FACEDECT, TRUTHTEST, PARTICLESIM, FACEYOURFEARS, PINBALL, COOKS CHOCOLATES

TECHNOLOGY INTERN | FOX CHAPEL HIGH SCHOOL | FOX CHAPEL, PA   **SUMMER 2015-SUMMER 2017**
· Assisted district administrator, created and managed websites, distributed and deployed patches, imaged computers.
· Tutored teachers new educational software, facilitated communication between students and teachers.

INDEPENDENT RESEARCHER | BULL MOOSE MARKETING | MEADVILLE, PA   **MAY 1 – AUGUST 24, 2019**
· Researched and marketed efficacies for medical device manufactures.
· Facilitated communication between of plastic modeling companies and internal medical device companies.

HACKTOBERFEST | ACM | MEADVILLE, PA   **OCTOBER 23, 2019**
· Contributed to an open source program during Hacktoberfest hackathon 2019.

PHONE AND COMPUTER REPAIR CONSULTANT   **AUGUST 2014 – MAY 2017**
· Launched a cell phone and computer repair business. Fixed over 100 phones, tablets, and computers.
· Construction and repair of computers for client's refurbishment and operation of online web sales.

Awards

ATHLETICS
· NCAA Cross Country and Track & Field Athlete   **2017- Present**
· NCAC Newcomer of the Year   **2017**
· Cross Country and Track Varsity Athlete   **2014-2017**
· WIPIAL Qualifier

ACADEMIC
· Scholar Athlete   **2016**

Volunteer Work

ATHLETICS
· Open Streets | Pittsburgh, PA   **2016**
· Walk for Alzheimer's   **2018-2019**

Conferences

GENETICS
· Allegheny College Poster Presentation | Allegheny College | Meadville, PA   **2019**
· Allegheny ACRoSS 10 Year Anniversary | Allegheny College | Meadville, PA   **OCTOBER, 2019**

ECONOMICS
· Ohio Field Trip | Citizens Bank | Ohio   **2018**