

SCOTT SILVER

Software Developer

CONTACT ME!

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PERSONAL PROFILE

I am a learner, a teacher, and advocate with a passion for problem solving and teamwork. Every position I have held has involved education and teamwork and learning a new technology. The anthropologist/archaeologist in me seeks understanding in everything I pursue. I also have an obsession with satellite imagery and maps.

EDUCATION

UNIVERSITY OF ALABAMA-BIRMINGHAM (UAB)

B.A. Anthropology

UNIVERSITY OF ALABAMA-BIRMINGHAM (UAB)

33 credit hours toward M.A. Anthropology.

PROJECTS

OUR STORY MAPS A FRONT-END CAPSTONE

Our Story Maps is a single page application using React.JS and ArcGIS API for developers so that users can create immersive stories about place combining text, interactive maps, and other multimedia context. The app demonstrates full CRUD functionality. User data and story elements were stored using JSON-server.

TBD

A BACK-END CAPSTONE

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WORK EXPERIENCE

SOFTWARE DEVELOPER/

NASHVILLE SOFTWARE SCHOOL

MAY 2019 - PRESENT

Hands on application of Object Oriented Programming fundamentals through group and individual projects reflecting real world software development problems.

Source code version control with git/GitHub

Experience working in teams and structuring workflow for front end projects

Built a single page application with React,, HTML 5, CSS and the ArcGIS API for developers

Application design through whiteboarding dependencies and ERDs

TEACHER, KIPP ACADEMY NASHVILLE

2017 - 2019

Planned and executed daily lesson plans. Used Microsoft Excel, LiveSchool, Illuminate Education, and Infinite Campus to store, sort, and analyze data to inform instruction, develop growth mindsets, and create a positive and safe culture of learning for kids.

TEACHER/MATH CONTENT CHAIR/LEAD SOUTHEAST 2015 - 2017

Planned and executed daily lesson plans. Used Microsoft Excel, Kickboard, and Illuminate Education software to input, sort, and analyze data to inform daily instruction, develop growth mindsets and create a positive learning culture. Designed and executed professional development for teachers. Led and facilitated professional learning community of math teachers from 5th through 8th grade

TEACHER/MATH CONTENT CHAIR/ANTIOCH MIDDLE 2013 - 2015

Planned and executed daily lesson plans. Used Microsoft Excel, and Data Warehouse to input and analyze data to inform daily instruction and create a positive learning culture all students. Designed and facilitated professional learning community of math teachers from 5th through 8th grade. Served on school leadership team and strategic school design team.

TEACHER DEVELOPMENT COACH

APRIL-JULY 2014 & 2015

Coached and evaluated a cohort of new teachers who were preparing to enter the classroom for the first time. This was seasonal employment for the spring and summer.

PROGRAM COORDINATOR/FARM TO SCHOOL

JONES VALLEY TEACHING FARM

2009 - 2012

Policy advocate and educator. Successfully advocated for wellness policies for school food improvement in Jefferson County Schools, Jefferson County, AL. Organized and conducted professional development workshops for teachers and child nutrition workers. Created and developed Good School Food program by designing and conducting focus groups with community stakeholders (teachers, parents, administrators, school board members, neighborhood residents) for future implementation of school gardens, farmer's markets, and food education at Glen Iris Elementary, Birmingham, AL.

TEACHING ASSISTANT, UNIVERSITY OF ALABAMA-BIRMINGHAM (UAB), ARCHAEOLOGY/REMOTE SENSING

2008 - 2009

Assisted Dr. Sarah Parcak and her students with research, projects, and administrative tasks in the Laboratory for Global Observation

INTERNSHIP, RESEARCH TEAM LEAD,

NASA DEVELOP PROGRAM, UAB

2008 - 2009

Developed West Nile Virus risk model for Auburn, AL by investigating environmental factors and collected mosquito data using geospatial analysis with ArcGIS and processed ASTER and Landsat imagery.

PROGRAM COORDINATOR,

UAB-SCHOOL OF PUBLIC HEALTH

2005 - 2008

Served as liaison between UAB, investigators, NIH Fogarty Fellows, and five foreign sites (Bangladesh, China, India, Pakistan, Ukraine). Researched, wrote, and administered National Institutes of Health training and research grants. Coordinated logistics for travel and Fellows coming traveling to the U.S. to pursue degrees and collaborate with Principal Investigators. Responsible for overseeing IRB compliance and protocol submission to U.A.B. Grants and Contracts. Co-taught and developed training materials for scientific writing workshop for senior research fellows at the Tuberculosis Research Centre in Chennai, Tamil Nadu, India. Taught qualitative methods to a cohort of investigators at the CDC in Beijing, China for a pilot study, "HIV Risk Among MSM