

SCOTT W. GERLACH

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Profile

I enjoy working on projects that leverage design to affect meaningful change in people's lives. I care greatly about learning and I am enthusiastic about sharing ideas. I have a successful background in tutoring and teaching that is informed by a deep fluency in math and physics. I feel I contribute most in roles that emphasize creative strategic planning, system design, and theory testing. I believe in interactions that help people develop an appreciation for rationality, subtlety, and complex analysis.

Experience

DIRECTOR OF EDUCATION *Austin Learning Center, 2004-2014*

My role at the Austin Learning Center has been extremely engaging and rewarding. Our owner, Becky Fliss, and I have built the company from the ground up together based on hard work, respect for our clients, and very high standards for our staff. As is the case with most small companies, my role has changed over time as our business has grown.

I am an expert in all levels of high school math and physics. Each year I worked closely with dozens of students to help them develop and succeed in their math and physics courses. My priority as Director of Education was to ensure the highest quality possible in our tutoring staff and to support our tutors through my pedagogical perspective. I was the lead interviewer of prospective academic staff: prodding their fluency in subject matter as well as gauging their ability to convey ideas and respond to student needs. Over their time at the Austin Learning Center, I was a source of continuing support for our tutors as they encountered problematic assignments, attempted new approaches with students, or struggled with insight into their own coursework.

Education

INTERACTION DESIGN & SOCIAL ENTREPRENEURSHIP *Austin Center for Design, 2014*

At AC4DI I learned a great deal about making social impact through creative problem solving through the design process. By grounding ourselves in the subject matter we researched as well as discovering appropriate articulations of our ideas through our synthesis and prototyping, we created ideas that were relevant, appropriate, and potentially impactful around complex social problems.

B.S. IN THEORETICAL MATHEMATICS *University of Texas at Austin, 2004*

Although I eventually decided to pursue a degree in mathematics, I studied both electrical engineering and computer science for two years each. This diverse exposure to reasoning and technology in my undergraduate courses both reflected and further informed my interests in algorithm design, theory testing, and practical problem solving.

Fluency

wireframing	<i>Illustrator, Photoshop, Keynote</i>
web programming	<i>Ruby on Rails, HTML, CSS, Javascript, Bootstrap</i>
video	<i>After Effects, Premeire</i>