

# Bradley J. Baker

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**Computer science educated combat veteran with a track record demonstrating leadership and fast learning.**

## Education

- B.S. Computer Science, Michigan State University (projected Dec. 2017)
- B.A. Finance, Michigan State University

## Leadership Experience - Cavalry Scout Team Leader - US Army - Aug2011 to Dec2014

- Developed and trained 12 coworkers in the operational use of the Pashto language. The training allowed the team to operate safer and more effectively in Afghanistan.
- Used Pashto language skills in support of biometric collection and tactical questioning of 100+ suspects in Zabul Province, Afghanistan.
- Trained 12 coworkers on how to operate ground penetrating radar in order to detect metal less improvised explosive devices.
- Trained and supervised 10 subordinates on operating and maintaining 8 wheeled Stryker Combat Vehicle. Resulted in zero accidents and zero mechanical/electrical faults due to improper maintenance.
- Mentored four coworkers in their new roles as Vehicle supervisors. Resulted in all four coworkers qualifying during the skills test. Zero accidents, negligent maintenance, or safety issues during two separate month long field-training rotations.

## Computer Science Projects

- Built a SQL esque database over the course of a semester. Able to handle joins and other complex queries.
- Simulated heat diffusion over a 2D surface. This simulation was programmed in CUDA and run on Michigan State's supercomputer "Laconia".
- Used MVC design pattern to build a customer/employee management web application. This project used LAMP on the backend and CSS, HTML, and JavaScript for the front.
- Upgrading and extending cloud based security software for company "Rook Security" (in progress). Migrating existing code to AWS lambda functions, adding a RESTful API, and building out existing React/Redux application to manage the software.

## What I'm Most Proud of

- Completed 5 ultra marathons (31 mi, 40 mi, 50 mi, 100 km, 75 mi) in the past 4 years. I will complete my first 100 mi race this year on Oct. 14th at the "Oil Creek 100" in Titusville, PA.
- The Army awarded me a Purple Heart and Combat Action Badge.