

Dale Hopper

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github.com/dalehopper

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Skills

Programming Languages:

Java
Python
VBA
SQL
HTML

Operating Systems:

Linux
Windows

Software

Spring MVC
Hibernate
IntelliJ
Adroid Studio
Git/Github

Project Experience

PicCarto

Android custom mapping application using Google Maps API
Designed UI
Created back-end scaling algorithm to eliminate photo distortions
Project yet to launch

Work Experience

Argosy Casino, Hotel and Spa – Security/Compliance Specialist

September 2015 – Present

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| Spearheaded asset efficiency utility | Departmental purchasing |
| Data entry and analysis | BSA Financial Crimes Enforcement Network filings |
| Excel VBA Macro generation | General and electronic locksmithing |

Northwest Missouri State University – Various Roles

August 2008 – Present

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| IT Technician | Tutor (Chemistry, Physics, Calculus) |
| Laboratory Assistant (Various Physical Sciences) | Research Assistant (Computational Physics) |

Missouri Western State University – Adjunct Instructor

January 2015 – May 2015

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| Quantitative Chemistry Lectures | Laboratory Setup |
| Dual Credit Curriculum delivery | Laboratory hygiene and safety |

Tutor.com – Physics Tutor (online)

August 2013 –

May 2015

Apple Market Grocery – Assistant Produce Manager

August 2010 – July

2011

Education

LaunchCode LC101 – February 2019

Northwest Missouri State University

Masters of Business Administration – August 2015

Masters of Science in Education: Teaching Science – May 2013

Bachelors of Science: Physics – May 2010

Bachelors of Science: Chemistry (ACS Certified) – May 2010

Missouri Academy Of Science Mathematics and Computing (NWMSU)

Associates of Science – May 2006

High School Diploma – May 2006

Emergency Medical Responder Certification – September 2016

Publications

Photoionization of Xe inside C₆₀: Giant cross-section enhancement, hybridization and correlation confinement resonances M.E. Madjet, Matthew A. McCune, Dale Hopper, Himadri S. Chakraborty, Jan-M. Rost, and Steven T. Manson, Phys. Rev. A 81, 013202 (2010).

Photoionization of endohedral atoms: Collective, reflective and collateral emissions Himadri S. Chakraborty, Matthew A. McCune, M.E. Madjet, Dale E. Hopper, and Steven T. Manson, Atomic Cluster Collisions: Structure and Dynamics from the Nuclear to the Biological Scale, American Institute of Physics Conference Proceedings 1197, 111 (2009).

