

Emile Blouin

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EDUCATION

Certificate in Full Stack Development, University of Washington

Feb'19 - Present

M.Ed Curriculum and Instruction, University of Arkansas

Aug'17 - Jun'18

B.A. Human Development, Brown University

Jun'16

TECHNICAL SKILLS

Front End: HTML5,
CSS3, Bootstrap, CSS3
Grid, JavaScript ES5/6,
JQuery, AJAX, JSON

Back End: Python,
Java, SQL, Express.js,
Node.js, MongoDB,
MySQL, Firebase,
RESTful APIs

Editors: Visual Studio
Code, PyCharm,
WebStorm, Atom,
Xcode,
MySQLWorkbench

Practices: OOP,
TDD, Mobile First
Design, Agile
Other: Jira, Git,
Heroku, Photoshop,
Xd, Slack

WORK EXPERIENCE

Ski Instructor, Stevens Pass, WA

Jan'19 - Mar'19

- Primarily worked with youth and multi-week programs, teaching on a flexible part-time schedule

Math/Science Teacher, RVL Middle School, WA

Aug'18 - Nov'18

- Taught 2 sections of 6th grade science, 2 sections of 7th grade math, and 1 advisory group
- Integrated code.org's introductory level computer science course weekly into 6th grade curriculum
- Left as a result of a sudden illness in the family

Science Teacher, The New School, AR

Jun'16 - Jun'18

- Taught 2 sections of 7th grade science, 2 sections of 8th grade science, 1 section of AP biology (9th), and 1 advisory group
- Developed curriculum for 7th, 8th, biology, and AP biology and vertically aligned the curriculum from 5th - 9th grade sciences
- Piloted a program with ArduSat and an 8th grade class that resulted in the largest data set that has been collected by a student group
- Ran a student-driven classroom focused on projects and hands on activities that were connected to the local area as well as culminating field trips in 7th grade (5 days at Teton Science School) and AP biology (4 days in the Buffalo River Watershed)
- Organized and ran yearly science fair (required for 8th grade students) and facilitated students at regional science fair and beyond
- Taught yoga and climbing through after-school program twice a week

Field Instructor, Habitat Net Field Studies, Mexico**Mar'16 & '17**

- Led week-long, field-based ecology course targeting high school juniors and seniors in Puerto Morelos and Nuevo Durango Mexico
- One day of reef ecology (including snorkeling at two locations on the barrier reef, three days of forest ecology, a trip to Coba to learn about the history and culture, and cultural immersion while in Nuevo Durango, a traditional Maya community

Climbing Instructor, Rock Spot Climbing, RI**Sep'14 - Jun'16**

- Worked as youth programs coach, advanced technique instructor, lead climbing instructor, outdoor guide, and sales representative

Undergraduate Researcher, Brown University**Oct'14 - Dec'15**

- Held office hours and graded papers and assignments for The Psychology of Teaching and Learning (Masters level course)
- Worked with Dr Jin Li and Dr Yoko Yamomoto in the education department to develop "Education and Human Development in East Asia"
- Awarded an Undergraduate Teaching and Research Award two consecutive semesters for work on the course development process

LEADERSHIP AND CERTIFICATION

- Climbing Wall Instructor with Lead Certification - AMGA (2015)
- Wilderness First Responder and Advanced CPR - SOLO Schools (2015)
- 200hr Registered Yoga Teacher - Yoga Alliance (2017)
- National Science Teachers Association (Since 2015)
- National Association of Biology Teachers (Since 2017)
- Member of the American Biology Teacher Review Committee (Since 2017)
- Certified as an AP Biology teacher (2017)
- Inspiring a New Generation Summit (2015)
- Brown Outing Club - President, Financial Signatory, Gear Room Manager, Trip Leader (2013-2016)