

MICHAEL HAUSER  
ASE Master Mechanic : 10 years of work experience  
Computer Science Student : Transfer Expected in Summer 2021  
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#### WORK EXPERIENCE

**Kamehameha Schools Transportation Department** Jan 2013 - Jul 2019  
*Honolulu, HI*  
Repaired a fleet of 30 buses and 150 automobiles. Repairs were done in the field in order to make sure the students made it on time to school or home. This environment was the epitome of critical thinking as each breakdown was a unique and urgent. Bus repairs were extensive, requiring major engine repair or total overhaul. Most work was done independently, requiring that I make critical and timely repair decisions, order my own parts, and coordinate when to bring buses out of service to perform certain repairs.

**Marine Mechanic: F-T Mobile Repair Team** Aug 2011 – May 2012  
*Puerto Ayora, Galapagos, Ecuador*  
Repaired outboard motors for water taxis and tourism boats traveling in ocean environments (engine sizes ranging from 15 HP to 300 HP). The most frequently encountered problems were fuel or spark related, although engine and transmission rebuilds were common. Repairs largely completed while the motor was in the water under the time constraints of the client. Fabricated tools from a limited supply of materials and solved mechanical emergencies with few resources for parts.

**Galapagos National Park Maintenance: P-T Mechanic** Aug 2011 – Aug 2012  
*Puerto Ayora, Galapagos, Ecuador*  
Repaired outboard motors, ATVs, generators, compressors, and trucks (ranging from 15 HP to 200 HP) that were used by the Galapagos National Park marine and terrestrial monitoring patrols. Performed engine overhauls and calibrations. Recycled parts from non-functional motors to assemble usable machines.

**Independent Mechanic in Orange County** Aug 2009 - Aug 2011  
*Orange Co, NC*  
Focused on performance problems in gasoline engines and a few older diesels (size 200 cubic centimeter to 4 liter displacement.) Repaired some motorcycle transmissions, clutches, and many carburetors. Repaired timing mechanisms, internal pumps, and ignition tune-up items. Inspected vehicles for DOT safety inspection.

#### VOLUNTEERISM

**Malama I Na Ahupua'a (MINA)** Jan 2016 - Jan 2018  
*Honolulu, HI*  
restored traditional ahupua'a (agricultural ecosystems), heiau (ancient religious sites and temples,) and native species. Eliminated invasive plants, reconstructed brackish fish ponds, restored lo'i (terraced agricultural marshes used for growing taro,) and maintained plants around sacred heiau.

**Americorps** Aug 2007 – Aug 2009  
*Durham/Chapel Hill, NC*  
Managed a variety of philanthropic projects for non-profit business including Habitat for Humanity, Public Allies of North Carolina and Residential Services Inc. Practiced community organizing, team leadership, and asset based community development.

**New Beginnings Outreach CDC** Aug 2008 - Aug 2009  
*Durham, NC*  
Wrote grants and assisted in projects to assist individuals to exit a cycle of recidivism. Worked to provide means of gainful employment and vocational skills development.

**El Centro Hispano** Jan 2008 - Aug 2009  
*Durham, NC*  
Teacher's assistant in ESOL classes with approximately 30 adult learners per class.

## INTERNSHIPS

**Piedmont Biofarms** 2011

*Pittsboro, NC*

Refined biodiesel fuel and explored various eco-careers that were housed in the Biofarm complex like vermicomposting and sustainable farming.

**Kontek Systems: Full-Time Internship** 2005

*Durham, NC*

Installed Audio/Video systems for buildings in universities, hospitals, and art museums.

## AWARDS

Durham Technical Community College Presidents List 2019

5 years of service to Pauahi's vision: awarded for 5 years of service at 2019

Kamehameha Schools

ASE Master Mechanic: awarded to those who pass A1-A8 exams 2012/ recert: 2018

## EDUCATION

KAPIOLANI COMMUNITY COLLEGE

*Honolulu, HI*

2015 - 2018

**Applied Science Transfer Student**

DURHAM TECHNICAL COMMUNITY COLLEGE

*Durham, NC*

2005 – 2008 / 2019 - Present

**Automotive Technologies Student/ Applied Science Transfer Student**

ALAMANCE COMMUNITY COLLEGE

*Graham, NC*

Fall of 2012

**Part-Time Welding Student (MIG and Oxy/fuel)**

WELDING APPRENTICESHIP

2007

*Chapel Hill, NC*

Received training in the use of gas welders, MIG welders, pipe benders, hydraulic presses and plasma cutters for artisan metal works, construction and sculpting.

ACADEMY OF INFORMATION TECHNOLOGIES

2002 – 2005

*Chapel Hill, NC*

Worked with electronics, computers, and programming as a student.