**William P. Lehman**  
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**Summary**

An experienced multi-discipline team lead interested in leading creative teams towards collaborative solutions. Passionate about navigating systems of organizational structure, political forces, team dynamics, and technical requirements to architect technical and cultural systems that deliver relevant products on time and under budget. Capable of driving calculated risk-taking behavior to help organizations meet their strategic goals in support of their mission and vision.

**Experience**

Risk Management

* Developed a Risk Profile, Risk Assessment, and Risk Appetite for HEC
* Formally proposed a Risk Management Community of Practice for USACE
* Participated in writing Enterprise Risk Management and Risk Informed Decision-Making policy and implementation plans for USACE

Computer Programming

* Visual Basic (7 years) – Java (5 years) – C# (4 years) – JavaScript, HTML, CSS (2 years)
* Object Oriented Programming – SOLID design principles – Test Driven Design – Design Patterns – Object Relational Mapping – Model View ViewModel design architecture
* Visual Studio – Netbeans – Eclipse – Visual Studio Code

Software Development Project Management

* Led HEC-FIA (Flood Impact Analysis) (8 years) – Led HEC-WAT (Watershed Analysis Tool) (1 year)
* Scoped projects – wrote contracts – researched new methodologies – tested deliverables – wrote technical, application, and user documentation.
* Jira administrator – Gemini administrator – Discourse administrator
* BitBucket – GitHub – Git – Perforce – P4V

Leadership

* Participated in Emerging Leaders Program
* Led “Young Visionaries” at HEC initializing many technical and cultural change initiatives
* Created and led a Software Developers Community of Practice for USACE
* Led brainstorming, design, and scoping meetings

Communication and Teaching

* Taught, created, and coordinated many training courses.
* Excellent oral presentation skills utilized at many conferences and training courses.

**Work History**

**Economist*,*** Hydrologic Engineering Center USACE, Davis, CA, 2009-Present

**Department of the Army Economist Intern**, SWL District USACE, Little Rock, AR, 2008-2009

**Education and Credentials**

**M.S. Risk Management**, 2019  
Notre Dame Maryland University, Baltimore, MD

**M.S. Economics**, 2008  
Oklahoma State University, Stillwater, OK

**B.A. Economics**, 2008  
Oklahoma State University, Stillwater, OK

**B.A. Mathematics**, 2008  
Oklahoma State University, Stillwater, OK

**Awards**

IWR Product of the Year HEC-FIA 2011

IWR Scientific Achievement HEC-FIA 3.0 2013

IWR Product of the Year HEC-WAT 1.0 2017

IWR Team Award Trinity River Team 2018